

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



# United States Department of Agriculture Bureau of Markets

# FOOD SURVEYS

Published by Authority of the Secretary of Agriculture

WASHINGTON, D. C.

JULY 16, 1918—SPECIAL ISSUE.

VOL. I, No. 11

**ANNOUNCEMENT.**—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.

C. W. THOMPSON, In Charge, Food Surveys Project.

## COMMERCIAL STOCKS OF CANNED GOODS.

The commercial stocks of canned goods covered by the War Emergency Food Survey of January 1, 1918, for which information is here presented, include meats, soup, salmon, sardines, tomatoes, corn, peas, baked beans, miscellaneous canned vegetables, fruits and berries, and preserves, marmalades, jellies, crushed fruits and fruit sirups.

The estimated total commercial stocks of these canned goods, assuming that the stocks actually reported represent from 85 to 90 per cent of the total, were as follows: Canned meats, including sausage and poultry, 107,000,000 pounds; canned soup, 125,000,000 pounds; canned salmon, 375,000,000 pounds; canned sardines, 85,000,000 pounds; canned tomatoes, 725,000,000 pounds; canned corn, 330,000,000 pounds; canned peas, 280,000,000 pounds; canned baked beans, 130,000,000 pounds; miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.), 370,000,000 pounds; canned fruits and berries, 750,000,000 pounds; and preserves, marmalades, jellies, crushed fruits and fruit sirups, 120,000,000 pounds.

In the case of nine of these commodities the commercial stocks on the date of the Survey were larger than those on hand one year earlier. Only in the case of canned corn and canned peas was there a decrease in the quantities on hand. The stocks reported for January 1, 1918, represent the following percentages of the stocks for January 1, 1917: Canned meats, 138.1 per cent; canned soup, 145.0 per cent; canned salmon, 142.4 per cent; canned sardines, 122.6 per cent; canned tomatoes, 107.8 per cent; canned corn, 98.4 per cent; canned peas, 92.9 per cent; canned baked beans, 111.7 per cent; miscellaneous canned vegetables, 116.7 per cent; canned fruits and berries, 129.8 per cent; preserves, etc., 120.3 per cent.

Detailed information for each of these commodities is presented in the following pages.

## COMMERCIAL STOCKS OF CANNED MEATS.

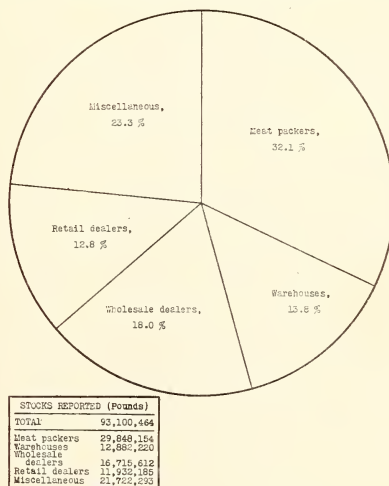
The commercial stocks of canned meats reported in the War Emergency Food Survey of January 1, 1918, amounted to 93,100,464 pounds. Of this total the meat packers held 32.1 per cent; the warehouses, 13.8 per cent; the wholesale dealers, 18.0 per cent;

Table 1.—Stocks of canned meats reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 93,100,464	Pounds. 58,542,682	138.1	Pounds. 42,403,553
Meat packers	29,848,154	27,668,831	162.7	17,010,444
Warehouses	12,882,220	6,826,509	206.1	3,312,648
Wholesale dealers	16,715,612	14,594,303	130.2	11,209,463
Wholesale grocers	15,080,947	13,715,221	129.5	10,587,717
Other wholesale dealers	1,634,665	879,082	141.4	621,746
Retail dealers	11,932,185	8,292,685	81.7	10,147,100
Retail grocers	5,712,233	4,202,624	77.5	5,423,778
General stores	6,080,351	4,001,864	86.1	4,635,732
Other retail dealers	139,601	68,197	113.7	77,590
Miscellaneous*	21,722,293	1,160,354	160.3	723,898

\* The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF CANNED MEATS REPORTED FOR JANUARY 1, 1918.



and the retail dealers, 12.8 per cent. The remaining stocks, amounting to 23.3 per cent of the total, were held by a miscellaneous group of concerns. The holdings reported by each of these classes of business concerns, and by certain subdivisions of the wholesale and retail classes, are given in the first column of Table 1, while the relative holdings of the different classes are shown in graphic form in Diagram 1.

The number of schedules received and tabulated for canned meats is shown, for the several classes and subclasses of firms, in Table 2.

### Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of canned meats among the various geographic divisions and states on the date of the Survey is shown, by classes and subclasses of firms, in Table 3. The East North Central division, it may be noticed, reported holdings of canned

Table 2.—Number of firms reporting canned meats, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	145,526	102,417
Meat packers.....	880	811
Warehouses.....	81	44
Wholesale dealers.....	4,208	3,588
Wholesale grocers.....	3,638	3,190
Other wholesale dealers.....	570	398
Retail dealers.....	135,401	94,928
Retail grocers.....	77,400	52,962
General stores.....	55,260	40,488
Other retail dealers.....	2,741	1,498
Miscellaneous.....	4,956	3,046

Table 3.—Stocks of canned meats reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Ware- houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscella- neous.
				Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States-----	Pounds. 93,100,464	Pounds. 29,848,154	Pounds. 12,882,220	Pounds. 16,715,612	Pounds. 15,080,947	Pounds. 1,634,665	Pounds. 11,932,185	Pounds. 5,712,233	Pounds. 6,080,351	Pounds. 139,601	Pounds. 21,722,293
GEOGRAPHIC DIVISIONS:											
New England-----	4,231,506	1,278,843	275,047	918,850	806,441	112,409	1,139,181	850,890	270,944	17,347	619,585
Middle Atlantic-----	10,135,984	2,432,618	3,476,941	2,146,443	1,448,293	698,150	1,724,098	939,040	749,339	35,719	355,884
East North Central-----	27,766,737	7,215,011	8,118,180	1,299,685	1,158,178	141,507	1,040,494	593,119	415,941	31,434	10,093,367
West North Central-----	18,090,497	11,810,324	512,839	1,482,573	1,466,769	15,804	947,840	423,464	494,241	30,135	3,336,921
South Atlantic-----	11,587,155	2,374,232	107,147	4,381,838	3,994,464	387,374	2,455,046	933,408	1,511,474	10,164	2,068,892
East South Central-----	3,861,077	873,804	109	1,637,064	1,614,444	42,620	855,979	318,707	535,199	2,073	474,061
West South Central-----	9,931,861	1,564,648	57,715	3,069,533	2,951,521	118,012	1,872,699	798,190	1,070,629	3,880	3,367,266
Mountain-----	2,066,931	375,642	3,214	767,748	719,977	47,771	824,971	233,645	585,098	6,228	95,356
Pacific-----	5,428,716	1,723,032	330,968	991,878	920,860	71,018	1,071,877	621,770	447,486	2,621	1,310,961
NEW ENGLAND:											
Maine-----	481,474	180,639	900	116,084	111,805	4,279	170,552	103,018	65,478	2,056	13,299
New Hampshire-----	302,792	26,667	-----	120,435	118,210	2,225	73,994	52,186	20,907	901	81,696
Vermont-----	132,061	34,811	3,303	33,465	30,353	3,112	59,626	31,134	26,898	1,594	856
Massachusetts-----	2,332,110	691,828	252,934	425,530	339,073	86,457	449,969	346,844	96,165	6,960	511,849
Rhode Island-----	382,970	116,043	17,910	96,032	92,298	3,734	148,719	126,266	20,464	1,989	4,266
Connecticut-----	600,099	228,855	-----	127,304	114,702	12,602	236,321	191,442	41,032	3,847	7,619
MIDDLE ATLANTIC:											
New York-----	7,172,027	1,384,035	3,393,461	1,520,223	863,219	657,004	750,478	516,067	216,111	18,300	123,830
New Jersey-----	613,316	112,245	-----	88,458	69,477	18,981	199,490	170,792	26,685	2,013	213,123
Pennsylvania-----	2,350,641	936,338	83,480	537,762	515,397	22,165	774,130	252,181	506,543	15,406	18,931
EAST NORTH CENTRAL:											
Ohio-----	1,344,727	632,477	3,960	363,384	356,708	6,676	306,051	133,035	168,520	4,496	38,855
Indiana-----	894,944	655,071	-----	142,070	138,725	3,345	92,456	62,638	28,820	978	5,347
Illinois-----	24,576,664	5,744,515	8,114,220	462,268	355,514	106,754	311,350	182,257	119,904	9,189	9,944,311
Michigan-----	670,510	94,151	-----	248,837	224,556	24,281	225,129	149,576	65,005	10,548	102,393
Wisconsin-----	279,892	88,797	-----	83,126	82,675	451	105,508	65,593	33,692	6,223	2,461
WEST NORTH CENTRAL:											
Minnesota-----	594,595	99,499	91,002	176,356	173,124	3,232	145,899	77,793	61,399	6,707	81,839
Iowa-----	680,227	-----	-----	350,867	346,326	4,541	155,503	74,967	73,318	7,218	173,857
Missouri-----	5,481,057	4,400,128	356,909	471,174	469,464	1,710	201,942	134,814	65,143	1,985	50,904
North Dakota-----	186,559	17,859	14,324	76,873	73,992	2,881	76,155	15,009	56,111	5,035	1,348
South Dakota-----	131,374	19,596	-----	36,222	36,045	177	71,058	17,525	51,117	2,416	4,498
Nebraska-----	3,150,684	104,407	604	71,349	68,116	3,233	96,564	35,900	57,715	2,949	2,877,700
Kansas-----	7,866,001	7,168,835	50,000	299,732	299,702	30	200,719	67,456	129,438	3,825	146,715
SOUTH ATLANTIC:											
Delaware-----	695,643	18,244	4,038	31,134	31,134	-----	14,844	10,422	3,789	633	627,383
Maryland-----	1,418,398	173,538	-----	424,475	377,111	47,364	77,458	32,315	42,810	2,333	742,927
District of Columbia-----	113,182	36,667	-----	25,279	19,050	6,229	19,479	18,810	189	480	31,757
Virginia-----	2,161,783	848,965	-----	736,718	650,844	58,874	505,599	151,232	352,538	1,829	70,501
West Virginia-----	418,876	50,251	150	230,676	229,715	961	135,183	38,789	96,038	356	2,616
North Carolina-----	1,539,497	278,378	-----	803,456	758,920	44,536	449,946	147,104	301,845	997	77,717
South Carolina-----	1,316,930	223,326	83,440	429,816	414,610	15,206	508,326	142,727	364,909	690	72,022
Georgia-----	2,795,923	688,575	19,519	1,100,989	956,213	144,776	470,348	239,026	229,225	2,097	426,492
Florida-----	1,216,923	256,288	-----	599,295	556,867	42,428	273,863	152,983	120,131	749	87,477
EAST SOUTH CENTRAL:											
Kentucky-----	541,965	43,021	-----	248,148	246,004	2,144	92,338	49,468	42,758	112	158,458
Tennessee-----	1,019,463	323,331	12	462,463	438,999	23,464	230,185	86,694	142,863	628	3,477
Alabama-----	1,347,425	339,705	157	522,443	507,028	15,415	321,909	102,499	218,488	922	163,211
Mississippi-----	952,219	167,747	-----	424,010	422,413	1,597	211,547	80,046	131,090	411	148,915
WEST SOUTH CENTRAL:											
Arkansas-----	956,330	79,430	-----	580,616	574,066	6,550	292,704	83,174	208,851	679	3,580
Louisiana-----	1,756,050	510,839	32,500	582,489	545,450	34,039	410,529	126,288	283,953	288	219,093
Oklahoma-----	1,005,112	124,768	11,630	478,884	421,096	57,788	252,654	124,790	126,849	1,015	137,176
Texas-----	6,214,369	849,611	13,585	1,427,544	1,407,909	19,635	916,812	463,938	450,976	1,898	3,096,817
MOUNTAIN:											
Montana-----	379,192	99,719	130	141,788	140,376	1,412	116,320	35,691	78,881	1,748	21,235
Idaho-----	165,240	12,148	-----	96,866	71,072	25,794	54,545	18,388	35,503	654	1,681
Wyoming-----	115,815	179	-----	20,301	20,301	-----	94,339	13,491	80,278	570	996
Colorado-----	383,061	137,911	-----	105,985	103,407	2,578	136,342	56,976	77,999	1,567	2,623
New Mexico-----	351,587	10,867	1,598	150,582	150,582	-----	150,286	26,474	123,248	564	38,254
Arizona-----	316,024	54,072	-----	76,331	75,182	1,149	157,755	44,738	112,674	343	27,866
Utah-----	311,085	55,588	-----	172,335	155,497	16,838	89,840	27,124	53,034	682	2,322
Nevada-----	44,927	5,158	1,486	3,560	3,560	-----	34,344	10,763	23,481	100	379
PACIFIC:											
Washington-----	1,737,999	221,959	-----	294,928	231,861	63,067	265,592	104,260	160,641	691	955,520
Oregon-----	328,868	86,031	300	108,164	105,116	3,048	133,996	63,673	70,038	285	10,377
California-----	3,351,849	1,415,042	330,668	588,786	583,883	4,903	672,289	453,537	216,807	1,645	345,064

meats considerably larger than those of any of the other eight divisions. The West North Central division ranked second, and the South Atlantic division third. Among the individual states, Illinois far outranked all other states; in fact more than 26 per cent of all the commercial stocks of canned meats in the country were reported from Illinois. Kansas ranked second in stocks of this commodity, New York third, Texas fourth, and Missouri fifth. The stocks of canned meats reported from the nine geographic divisions of the country are graphically represented in Diagram 2, while the stocks reported for each of the eighteen most important states are shown in similar form in Diagram 3.

DIAGRAM 2.—STOCKS OF CANNED MEATS REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

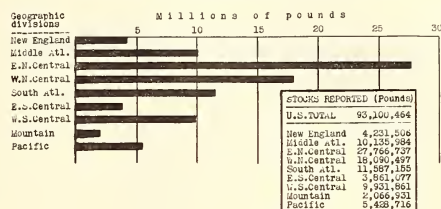
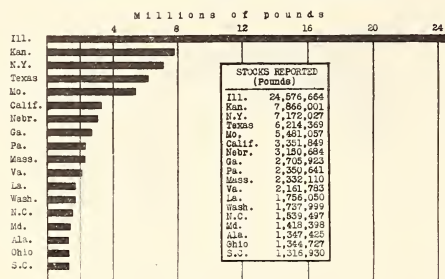


Table 4.—Comparative figures for canned meats, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
<b>United States</b>	<b>Pounds. 58,542,682</b>	<b>Pounds. 42,403,553</b>	<b>Pounds. 27,668,831</b>	<b>Pounds. 17,010,444</b>	<b>Pounds. 6,826,509</b>	<b>Pounds. 3,312,648</b>	<b>Pounds. 14,594,303</b>	<b>Pounds. 11,209,463</b>	<b>Pounds. 8,292,685</b>	<b>Pounds. 10,147,100</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England	3,591,373	3,142,300	1,267,541	920,879	239,532	296,794	842,378	792,404	835,527	878,335
Middle Atlantic	6,348,985	6,688,438	2,400,391	2,192,312	1,076,673	45,613	1,346,263	1,268,205	1,369,047	3,106,435
East North Central	12,437,992	8,113,537	5,421,781	3,545,084	5,060,400	2,787,654	1,156,443	1,008,818	689,896	678,503
West North Central	14,297,251	6,834,497	11,807,965	5,061,078	407,161	113,765	1,317,938	946,168	675,937	673,976
South Atlantic	8,061,993	5,738,619	2,352,470	1,277,383	4,038	432	4,014,503	2,594,729	1,470,629	1,743,956
East South Central	2,977,528	2,588,632	857,349	519,277	157	-----	1,498,630	1,239,381	607,085	516,718
West South Central	5,638,355	5,201,991	1,507,774	2,052,007	22,747	25,438	2,818,744	2,039,841	1,232,045	1,104,631
Mountain	1,618,334	1,484,207	330,753	287,527	3,084	2,109	668,028	567,181	609,936	616,248
Pacific	3,552,871	2,821,332	1,722,807	1,154,897	12,717	40,843	936,376	752,736	802,583	828,298
<b>NEW ENGLAND:</b>										
Maine	418,384	329,245	172,400	81,109	-----	900	111,633	108,366	126,660	132,350
New Hampshire	274,003	127,706	26,667	17,919	-----	375	119,801	48,831	53,776	57,290
Vermont	120,559	87,668	34,811	5,669	-----	3,303	33,328	30,229	48,817	49,684
Massachusetts	1,932,012	1,763,958	690,433	559,883	235,329	294,801	374,011	351,451	315,486	325,679
Rhode Island	313,649	258,903	114,682	59,531	-----	-----	87,599	89,955	108,535	104,343
Connecticut	532,766	574,820	228,548	196,768	-----	-----	115,706	163,572	182,253	208,989
<b>MIDDLE ATLANTIC:</b>										
New York	3,861,273	2,922,838	1,377,328	1,536,513	1,053,576	42,728	812,432	712,362	572,617	600,689
New Jersey	425,215	323,660	110,946	66,249	-----	-----	76,247	63,474	134,558	156,452
Pennsylvania	2,062,497	3,441,940	112,117	589,550	23,097	2,885	457,584	492,369	601,842	2,349,294
<b>EAST NORTH CENTRAL:</b>										
Ohio	1,126,398	594,992	632,273	153,111	-----	-----	333,647	286,126	151,253	148,295
Indiana	850,062	502,805	654,374	333,576	-----	-----	139,715	114,333	51,803	52,390
Illinois	9,739,924	6,399,402	3,981,603	2,971,278	5,060,400	2,787,654	362,054	330,525	251,029	239,192
Michigan	306,767	412,510	90,411	40,676	-----	-----	240,178	190,537	166,594	170,145
Wisconsin	214,851	203,828	63,120	46,449	-----	-----	80,849	87,297	69,217	68,481
<b>WEST NORTH CENTRAL:</b>										
Minnesota	448,264	320,783	99,499	56,588	252	-----	169,450	136,256	111,577	109,921
Iowa	478,551	360,511	-----	-----	-----	-----	350,810	238,558	121,031	115,107
Missouri	5,331,238	3,651,469	4,398,702	3,103,504	356,909	113,616	420,966	277,701	147,817	149,270
North Dakota	156,232	124,236	17,859	9,201	-----	-----	76,486	51,807	61,126	62,357
South Dakota	111,873	117,266	19,596	28,136	-----	-----	35,418	32,985	55,968	55,050
Nebraska	246,835	223,534	103,840	104,072	-----	-----	66,746	41,276	73,493	75,484
Kansas	7,524,258	2,036,698	7,168,829	1,759,577	50,000	-----	198,062	167,585	104,925	106,787
<b>SOUTH ATLANTIC:</b>										
Delaware	52,254	35,329	18,244	9,590	4,038	432	18,892	13,091	10,349	12,079
Maryland	652,236	458,521	163,538	152,200	-----	-----	418,069	239,260	58,318	57,717
District of Columbia	84,450	47,084	36,667	20,079	-----	-----	16,907	10,534	15,121	14,207
Virginia	1,790,197	949,056	830,392	310,121	-----	-----	659,565	419,269	245,556	200,300
West Virginia	354,663	267,888	40,835	40,825	-----	-----	218,786	133,007	97,284	87,247
North Carolina	1,231,997	681,587	245,602	87,532	-----	-----	733,312	355,082	247,425	234,473
South Carolina	902,450	652,425	183,824	110,583	-----	-----	388,710	296,173	258,160	234,333
Georgia	2,001,260	1,771,844	582,101	319,921	-----	-----	1,063,884	744,902	348,359	704,103
Florida	995,477	874,885	251,747	220,532	-----	-----	499,378	383,411	190,057	199,497
<b>EAST SOUTH CENTRAL:</b>										
Kentucky	341,247	257,416	39,679	26,578	-----	-----	233,323	161,379	64,939	66,700
Tennessee	912,163	672,854	323,026	181,248	-----	-----	413,923	379,886	173,004	109,320
Alabama	1,029,749	787,793	326,897	177,814	157	-----	478,512	402,136	218,167	203,183
Mississippi	694,369	570,569	167,747	133,637	-----	-----	372,872	295,980	150,975	137,515
<b>WEST SOUTH CENTRAL:</b>										
Arkansas	808,317	549,617	79,430	63,708	-----	-----	561,655	348,251	164,915	135,123
Louisiana	1,209,989	1,100,966	458,062	426,054	100	738	525,874	444,161	215,602	218,304
Oklahoma	766,018	462,402	120,671	84,632	11,630	16,500	470,379	209,937	161,472	149,868
Texas	2,869,031	3,179,006	849,611	1,477,593	11,017	8,200	1,260,836	1,037,492	690,056	601,336
<b>MOUNTAIN:</b>										
Montana	319,284	213,864	99,719	55,610	-----	-----	123,156	54,612	94,550	100,913
Idaho	107,569	89,988	4,033	10,458	-----	-----	62,466	35,420	39,668	42,906
Wyoming	87,096	65,474	3,179	277	-----	-----	20,301	13,463	65,746	51,235
Colorado	317,725	401,607	137,911	165,068	-----	-----	91,516	145,638	86,500	89,202
New Mexico	281,603	247,460	10,867	5,597	1,598	440	150,546	139,479	117,049	100,237
Arizona	231,334	226,805	54,072	31,391	-----	-----	56,994	46,561	117,363	146,708
Utah	237,883	208,274	18,814	18,428	-----	-----	155,073	130,557	63,007	58,245
Nevada	35,840	30,735	5,158	700	1,486	1,669	2,976	1,451	26,053	26,802
<b>PACIFIC:</b>										
Washington	710,990	636,140	221,834	192,146	-----	-----	286,175	222,645	178,134	203,698
Oregon	294,190	231,497	85,931	63,761	300	360	104,652	60,911	99,396	102,618
California	2,547,691	1,953,695	1,415,042	898,990	12,417	40,483	545,549	469,180	525,053	521,982

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 1,160,354 pounds; for 1917, 723,898 pounds.

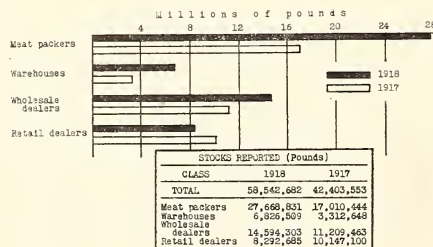
DIAGRAM 3.—STOCKS OF CANNED MEATS REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



### Comparative Figures for 1918 and 1917.

About two-thirds of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports are given in the last three columns of Table 1. These figures indicate that while the stocks in the hands of retail dealers on the date of the Survey amounted to only 81.7 per cent of the stocks on hand one year earlier, the holdings of the other classes of business concerns were very materially larger on the date of the Survey than on January 1, 1917. The stocks of all classes of business concerns together were 38.1 per cent larger on the date of the Survey than on January 1, 1917. Comparative figures are given by geographic divisions and states, for each class of business, in Table 4, while the relative stocks of the two dates referred to are shown graphically for each class, excepting the miscellaneous group, in Diagram 4.

DIAGRAM 4.—STOCKS OF CANNED MEATS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



### COMMERCIAL STOCKS OF CANNED SOUP.

The stocks of canned soup in commercial channels, as reported in the Food Survey of January 1, 1918, amounted to 109,262,364 pounds. Of this total the wholesale dealers held 60,269,248 pounds, or 55.2 per cent. The canners held only 11.3 per cent of the total, and the warehouses 7.6 per cent, while the stocks of the retailers were equivalent to 23.8 per cent of the total. The remainder, amounting to 2.1 per cent, was held by a miscellaneous group of firms. The holdings reported by each of these classes of business concerns, and by various subdivisions of the wholesale and retail classes, are given in the first column of Table 5, and the relative quantities reported by the different classes are shown graphically in Diagram 5.

The number of firms reporting canned soup is given, by classes of business, in Table 6.

Table 5.—Stocks of canned soup reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
<b>Total</b>	<b>Pounds.</b> <b>109,262,364</b>	<b>Pounds.</b> <b>90,227,158</b>	<b>145.0</b>	<b>Pounds.</b> <b>62,208,631</b>	
Canners.....	12,379,621	10,474,868	134.9	7,762,930	
Warehouses.....	8,294,291	2,230,863	295.2	755,661	
Wholesale dealers.....	60,269,248	56,505,538	167.7	33,693,529	
Wholesale grocers.....	58,309,305	54,786,755	166.7	32,871,518	
Other wholesale dealers.....	1,959,943	1,718,783	209.1	822,011	
Retail dealers.....	26,006,497	19,786,143	107.0	18,486,662	
Retail grocers.....	20,938,138	15,870,278	103.8	15,288,073	
General stores.....	4,670,663	3,664,795	123.4	2,969,247	
Other retail dealers.....	397,696	251,070	109.5	229,342	
Miscellaneous.....	2,312,707	1,229,746	81.4	1,509,849	

DIAGRAM 5.—DISTRIBUTION OF TOTAL STOCKS OF CANNED SOUP REPORTED FOR JANUARY 1, 1918.

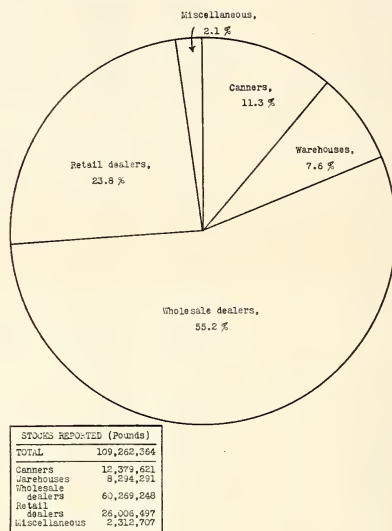


Table 6.—Number of firms reporting canned soup, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
<b>Total</b>	<b>176,056</b>	<b>122,856</b>
Canners.....	65	43
Warehouses.....	118	66
Wholesale dealers.....	5,003	4,137
Wholesale grocers.....	3,759	3,244
Other wholesale dealers.....	1,244	893
Retail dealers.....	161,717	112,930
Retail grocers.....	106,320	74,075
General stores.....	50,065	35,877
Other retail dealers.....	5,332	2,978
Miscellaneous.....	9,153	5,680

### Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of canned soup among the several geographic divisions and states is shown, by classes of business, in Table 7. The Middle Atlantic division, it may be seen.

reported more than five-elevenths of the total for the entire country. The East North Central division ranked second in quantity reported, fully one-sixth of the United States total being reported from this division. Passing to the figures for the individual states, it may be seen that New Jersey, Pennsylvania and New York, the three states comprising the Middle Atlantic division, each reported considerably larger stocks of canned soup than any of the other states of the Union. Diagram 6 shows in graphic form the stocks of canned soup reported for the various geographic divisions, while Diagram 7 shows in similar form those reported for the eighteen most important states.

DIAGRAM 6.—STOCKS OF CANNED SOUP REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

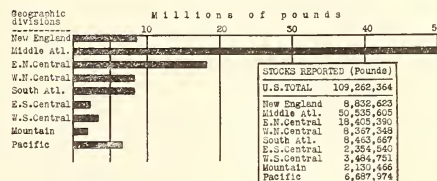


Table 7.—Stocks of canned soup reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Canneries.	Ware-houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	109,262,364	12,379,621	8,294,291	60,269,248	58,309,305	1,959,943	26,006,497	20,938,138	4,670,663	397,696	2,312,707
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	8,832,623	60,760	873,154	3,929,522	3,611,461	318,061	3,676,639	3,222,321	354,031	100,287	292,548
Middle Atlantic.....	50,535,605	5,661,151	3,047,334	32,678,985	32,252,014	426,944	8,340,911	7,246,095	953,003	141,813	807,224
East North Central.....	18,605,390	1,874,257	3,724,912	7,615,479	7,409,077	205,701	4,800,077	3,904,375	813,032	82,670	390,665
West North Central.....	8,367,348	2,970	155,522	4,684,057	4,555,091	128,366	3,279,449	2,314,094	917,351	48,004	219,250
South Atlantic.....	8,463,667	4,085,058	19,303	2,652,990	2,450,453	202,544	1,449,072	1,054,146	385,809	9,027	257,225
East South Central.....	2,354,540	2,019	1,621,662	1,548,740	72,922	1,475,818	647,030	475,366	169,395	2,269	83,829
West South Central.....	3,484,751	27,574	2,192,016	2,132,095	59,921	1,172,604	871,502	297,141	5,961	92,557	1,478
Mountain.....	2,130,466	9,735	42,402	1,171,019	1,171,019	40,164	832,435	438,938	387,832	5,665	34,711
Pacific.....	6,687,974	657,571	404,090	3,683,345	3,178,025	505,320	1,808,280	1,411,301	392,979	4,000	134,688
<b>NEW ENGLAND:</b>											
Maine.....	646,742	-----	175	320,071	290,918	29,153	279,264	227,924	47,883	3,457	47,232
New Hampshire.....	408,427	-----	-----	179,734	174,146	5,228	222,722	170,711	48,598	3,413	6,331
Vermont.....	318,915	-----	144	153,202	140,993	12,209	155,484	95,550	52,361	7,573	10,085
Massachusetts.....	4,870,179	48,508	767,018	2,102,872	1,861,539	241,333	1,777,940	1,602,580	126,421	48,039	143,841
Rhode Island.....	961,173	-----	75,817	414,274	406,691	7,583	433,816	405,243	22,000	6,376	37,263
Connecticut.....	1,627,187	12,252	-----	759,729	737,174	22,555	807,410	720,313	56,768	30,329	47,796
<b>MIDDLE ATLANTIC:</b>											
New York.....	10,980,075	27,426	798,860	4,835,736	4,640,029	195,727	4,670,311	4,105,959	491,550	72,802	647,722
Pennsylvania.....	28,279,541	2,214,381	2,248,474	24,362,048	24,300,348	53,399	1,649,072	1,538,350	86,366	22,206	36,361
Pennsylvania.....	11,275,985	3,418,714	2,248,474	3,481,982	3,304,164	177,818	2,023,678	1,601,756	375,087	46,805	103,111
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	3,120,093	191	29,644	1,863,279	1,854,011	9,268	1,109,280	976,493	116,167	16,620	117,699
Indiana.....	5,786,145	1,822,779	2,914,425	358,975	371,819	12,156	371,638	59,025	37,717	4,690	30,463
Illinois.....	5,576,546	33,212	760,754	3,057,975	2,933,372	124,603	1,657,147	1,274,976	337,234	24,937	100,870
Michigan.....	2,126,247	33,279	1,068,336	1,045,657	1,045,657	22,679	934,413	804,730	113,445	16,238	90,286
Wisconsin.....	1,795,509	18,075	20,089	1,041,914	1,004,919	36,995	663,884	476,538	167,161	20,185	51,547
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	1,837,544	2,670	27,684	1,014,433	994,567	19,866	741,402	347,230	385,226	8,946	51,355
Iowa.....	1,415,725	-----	165	914,136	886,287	27,849	446,253	300,043	134,560	11,650	55,171
Missouri.....	2,366,065	77,834	1,413,720	1,392,919	1,392,919	20,801	791,205	680,697	98,431	12,077	83,286
North Dakota.....	158,448	-----	76,187	73,663	73,663	2,524	78,724	26,749	49,585	2,390	3,537
South Dakota.....	210,402	-----	124,733	116,436	116,436	81,297	81,364	27,007	51,883	2,474	4,305
Nebraska.....	983,131	26,400	49,801	620,588	618,253	11,335	265,321	163,901	95,713	5,240	12,844
Kansas.....	1,395,312	-----	511,265	473,581	473,581	37,684	875,277	768,467	101,953	4,857	8,752
<b>SOUTH ATLANTIC:</b>											
Delaware.....	3,194,676	3,098,876	-----	47,688	47,616	72	46,796	42,709	3,861	226	1,316
Maryland.....	1,453,367	974,375	-----	258,971	257,298	1,473	193,240	162,578	29,157	1,505	26,981
District of Columbia.....	454,845	-----	18,800	292,180	240,541	2,639	169,195	156,330	8,820	1,043	17,670
Virginia.....	788,336	175	523,423	459,056	459,056	64,337	241,923	161,413	78,911	1,599	22,819
West Virginia.....	432,994	-----	273,102	271,507	271,507	1,595	149,843	87,749	61,358	736	10,045
North Carolina.....	420,919	360	265,375	260,035	260,035	5,340	142,461	86,882	54,824	755	12,723
South Carolina.....	303,293	7,222	184,908	180,783	180,783	4,125	106,445	53,114	32,861	470	4,718
Georgia.....	921,538	378	355,426	442,914	442,914	113,912	113,912	169,233	33,597	2,367	140,557
Florida.....	493,679	4,050	292,126	282,375	282,375	9,751	176,972	134,136	42,510	326	20,406
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	574,219	-----	377,571	372,918	372,918	4,653	177,279	151,059	25,400	820	19,369
Tennessee.....	822,996	1,995	581,121	527,534	527,534	53,787	198,474	154,392	43,752	880	41,406
Alabama.....	611,463	-----	424,284	415,483	415,483	8,801	176,353	113,260	59,714	342	10,826
Mississippi.....	345,862	24	238,686	233,005	233,005	5,681	94,924	56,455	38,242	227	12,238
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	470,737	-----	3,456	304,747	301,779	2,968	155,873	92,575	62,566	732	6,661
Louisiana.....	596,687	-----	317,931	296,495	296,495	21,436	264,505	223,379	40,960	166	14,223
Oklahoma.....	712,247	-----	150	432,491	429,050	3,441	267,221	191,325	74,052	1,841	12,885
Texas.....	1,705,080	23,940	1,136,847	1,104,771	1,104,771	32,076	485,005	364,223	119,563	1,219	59,288
<b>MOUNTAIN:</b>											
Montana.....	548,281	-----	398,442	384,532	384,532	13,910	145,503	67,001	76,903	1,509	4,336
Idaho.....	216,946	40	141,716	141,331	141,331	385	72,778	28,135	44,220	423	2,412
Wyoming.....	121,759	-----	55,732	55,732	55,732	-----	64,320	20,168	43,864	288	1,707
Colorado.....	680,662	37,172	320,521	301,095	301,095	19,426	307,472	207,793	97,380	2,299	15,497
New Mexico.....	111,429	1,030	48,345	48,281	48,281	64	60,088	27,560	32,312	216	1,946
Arizona.....	192,527	-----	111,126	108,695	108,695	2,791	75,832	32,814	45,719	224	2,405
Utah.....	214,454	9,735	1,225	126,778	123,810	2,968	71,303	11,712	38,890	601	5,513
Nevada.....	44,412	2,915	8,193	7,573	7,573	620	32,239	13,755	18,469	15	1,065
<b>PACIFIC:</b>											
Washington.....	1,111,414	1,039	35,816	647,209	578,090	69,119	381,274	287,262	92,953	1,059	45,176
Oregon.....	300,365	47	65,272	336,337	333,265	3,072	218,828	147,815	70,619	984	9,891
California.....	4,946,195	655,585	303,002	2,699,799	2,266,670	433,129	1,208,178	976,224	229,407	2,547	79,631

DIAGRAM 7.—STOCKS OF CANNED SOUP REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

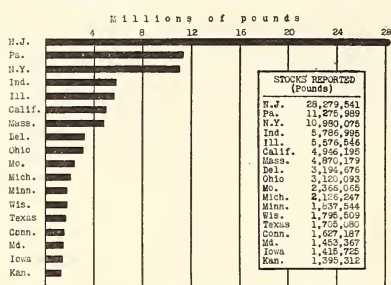


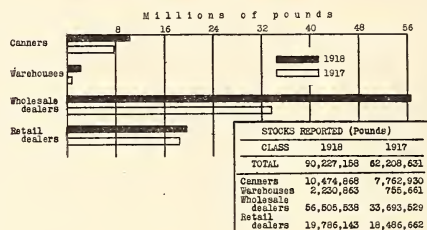
Table 8.—Comparative figures for canned soup, for all classes of business combined, by geographic divisions and states.

Geographic Division and State.	Stocks reported for Jan. 1, 1918.	Stocks reported for Jan. 1, 1917.
<b>United States</b> .....	<b>Pounds. 90,227,158</b>	<b>Pounds. 62,208,631</b>
<b>Geographic Divisions:</b>		
New England.....	7,014,176	5,343,334
Middle Atlantic.....	44,663,073	30,508,114
East North Central.....	13,137,468	10,329,991
West North Central.....	7,420,736	4,725,916
South Atlantic.....	5,970,140	3,096,663
East South Central.....	2,009,052	1,448,952
West South Central.....	2,902,478	1,837,669
Mountain.....	1,664,648	1,298,334
Pacific.....	5,445,387	3,619,658
<b>New England:</b>		
Maine.....	583,280	485,005
New Hampshire.....	346,902	307,241
Vermont.....	279,142	181,221
Massachusetts.....	3,942,328	2,901,632
Rhode Island.....	657,268	546,211
Connecticut.....	1,205,256	922,024
<b>Middle Atlantic:</b>		
New York.....	8,996,655	7,758,313
New Jersey.....	27,566,523	15,566,227
Pennsylvania.....	8,005,895	7,243,374
<b>East North Central:</b>		
Ohio.....	2,608,690	2,550,376
Indiana.....	2,573,062	2,364,429
Illinois.....	4,759,212	3,030,829
Michigan.....	1,630,443	1,277,028
Wisconsin.....	1,566,030	1,107,333
<b>West North Central:</b>		
Minnesota.....	1,639,375	830,876
Iowa.....	1,298,100	858,685
Missouri.....	2,032,392	1,396,411
North Dakota.....	138,646	91,871
South Dakota.....	184,533	125,192
Nebraska.....	907,320	452,541
Kansas.....	1,220,564	970,340
<b>South Atlantic:</b>		
Delaware.....	2,509,659	627,414
Maryland.....	609,905	351,528
District of Columbia.....	340,159	287,658
Virginia.....	663,524	428,658
West Virginia.....	370,814	274,620
North Carolina.....	317,188	230,998
South Carolina.....	186,890	139,570
Georgia.....	597,482	441,301
Florida.....	374,519	294,916
<b>East South Central:</b>		
Kentucky.....	465,277	306,031
Tennessee.....	693,186	519,946
Alabama.....	550,545	428,747
Mississippi.....	300,044	194,228
<b>West South Central:</b>		
Arkansas.....	393,522	236,478
Louisiana.....	498,839	265,849
Oklahoma.....	578,924	334,072
Texas.....	1,431,193	1,001,270
<b>Mountain:</b>		
Montana.....	373,524	260,509
Idaho.....	171,536	103,208
Wyoming.....	106,875	87,879
Colorado.....	573,426	410,516
New Mexico.....	97,413	157,104
Arizona.....	147,383	88,081
Utah.....	156,342	154,488
Nevada.....	38,149	36,549
<b>Pacific:</b>		
Washington.....	991,402	680,801
Oregon.....	576,969	379,388
California.....	3,877,016	2,559,469

Comparative Figures for 1918 and 1917.

More than four-fifths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for the date of the Survey. The comparative figures based on these two-year reports may be found, for each class and subclass of firms, in Table 5, and for geographic divisions and states in Table 8. From these figures it may be seen that the stocks in the possession of each class of business concerns, with the single exception of the miscellaneous group, were materially larger on the date of the Survey than they were one year earlier. The warehouses reported the largest relative increase (195.2 per cent), and the wholesale dealers the second largest among the main classes (67.7 per cent). The total stocks on the date of the Survey were 45.0 per cent larger than those held on January 1, 1917. The comparative quantities reported for the two dates are shown in graphic form, for the four principal classes of business, in Diagram 8.

DIAGRAM 8.—STOCKS OF CANNED SOUP REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



## COMMERCIAL STOCKS OF CANNED SALMON.

The commercial holdings of canned salmon reported in the War Emergency Food Survey of January 1, 1918, amounted to 316,107,924 pounds. Of this total the canners held approximately one-seventh, the storage warehouses one-fourth, the wholesale dealers one-third, and the retail dealers one-fifth, the remaining fraction of the total being held by a miscellaneous group. (The miscellaneous group includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.) The stocks reported by each of these classes of business concerns, and by certain subdivisions of the wholesale and retail classes, are shown in the first column of Table 9, and the relative quantities reported by the different classes are shown graphically in Diagram 9.

The number of schedules received and tabulated for this commodity is given in Table 10.

DIAGRAM 9.—DISTRIBUTION OF TOTAL STOCKS OF CANNED SALMON REPORTED FOR JANUARY 1, 1918.

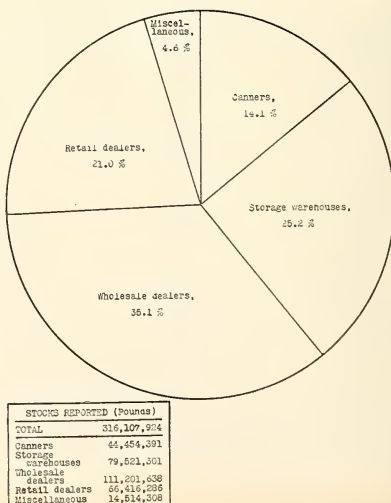


Table 9.—Stocks of canned salmon reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	316,107,924	261,883,974	142.4	183,849,247	
Canners	44,454,391	41,613,326	320.2	12,997,287	
Storage warehouses	79,521,301	61,246,683	273.6	22,382,331	
Wholesale dealers	111,201,638	99,688,951	101.7	98,009,295	
Wholesale grocers	91,176,408	83,968,179	95.9	87,522,133	
Meat packers	9,391,843	8,419,201	165.1	5,098,426	
Other wholesale dealers	10,633,387	7,301,571	155.5	5,389,736	
Retail dealers	66,416,286	52,339,553	110.7	47,259,908	
Retail grocers	39,446,369	36,530,532	106.6	28,895,785	
General stores	23,556,296	20,532,918	114.6	17,902,519	
Other retail dealers	1,513,781	1,285,113	280.8	457,604	
Miscellaneous	14,514,308	6,995,461	218.6	3,200,426	

Table 10.—Number of firms reporting canned salmon, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	814,611	154,016
Canners	111	84
Storage warehouses	234	139
Wholesale dealers	5,714	4,723
Wholesale grocers	4,013	3,502
Meat packers	536	442
Other wholesale dealers	1,165	779
Retail dealers	796,479	141,397
Retail grocers	715,129	81,333
General stores	74,536	56,397
Other retail dealers	6,514	3,661
Miscellaneous	12,073	7,673

Table 11.—Stocks of canned salmon reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Canners.	Storage ware- houses.	WHOLESALE DEALERS.				RETAIL DEALERS.				Miscella- neous.
				Total.	Whole- sale grocers.	Meat packers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States	Pounds. 316,107,924	Pounds. 44,454,391	Pounds. 79,521,301	Pounds. 111,201,638	Pounds. 91,176,408	Pounds. 9,391,843	Pounds. 10,633,387	Pounds. 66,416,286	Pounds. 39,446,209	Pounds. 25,456,296	Pounds. 1,513,781	Pounds. 14,514,308
GEOGRAPHIC DIVS.:												
New England	15,473,747	27	1,877,629	7,213,286	5,083,861	1,194,640	934,785	5,430,255	4,426,658	884,453	119,144	952,550
Middle Atlantic	44,738,765	14,640	10,802,889	21,657,299	16,937,994	686,951	4,032,354	11,508,746	8,609,780	2,671,990	226,976	755,191
E. N. Central	40,005,197	40,177	2,751,525	23,480,577	21,082,132	1,003,640	794,805	13,196,967	8,100,162	4,913,029	188,776	1,135,951
W. N. Central	31,692,852	613	1,843,637	18,404,758	16,670,779	1,153,997	577,982	9,920,416	4,324,064	4,670,638	925,714	1,523,494
South Atlantic	17,566,204	25	1,043,296	9,736,588	7,507,465	1,434,296	794,828	4,293,132	1,963,624	2,311,261	18,247	2,493,163
E. S. Central	12,218,436		469,438	7,533,986	6,136,878	1,251,322	145,786	3,994,948	1,168,926	2,820,577	5,445	220,064
W. S. Central	17,887,467		1,023,969	10,024,598	8,802,961	981,865	239,772	5,775,541	2,982,006	2,782,988	10,547	1,063,359
Mountain	6,863,930		286,661	4,056,289	3,744,880	301,559	9,820	2,431,405	976,733	1,440,634	14,038	89,575
Pacific	129,061,326	44,398,909	59,422,237	9,094,257	5,209,459	781,543	3,103,255	9,864,876	6,894,256	2,960,726	9,894	6,281,047
NEW ENGLAND:												
Maine	2,126,311		220	1,233,822	880,353	242,939	110,530	798,806	538,751	244,633	15,422	93,470
New Hampshire	958,326			473,619	331,573	130,087	11,959	465,259	325,002	130,335	9,922	19,448
Vermont	629,872		6,817	313,344	209,491	131,368	72,485	301,577	149,718	137,198	14,661	8,134
Massachusetts	9,040,940	27	1,759,460	3,990,228	2,760,024	615,988	614,216	2,553,813	2,253,798	249,105	50,910	737,412
Rhode Island	1,161,841		111,132	567,849	511,300	33,858	22,691	470,509	433,678	32,577	4,254	12,351
Connecticut	1,556,450			634,424	391,120	140,400	102,904	840,291	725,711	90,605	23,975	81,735
MIDDLE ATLANTIC:												
New York	27,485,372	12,240	7,748,252	13,844,678	9,963,326	255,821	3,895,531	5,433,658	4,288,980	984,297	160,381	446,544
New Jersey	2,887,549	2,400	557,936	820,489	729,557	71,857	19,075	1,344,759	1,203,398	126,108	15,163	161,965
Pennsylvania	14,365,844		2,496,701	6,992,132	6,515,111	359,273	117,748	4,730,329	3,117,402	1,561,495	51,432	146,682
E. N. CENTRAL:												
Ohio	10,214,732	40,177	295,244	7,092,969	7,044,681	21,829	26,459	2,719,431	2,061,192	631,562	26,677	66,911
Indiana	4,505,148		98,152	3,017,332	2,896,961	75,006	45,365	1,360,941	973,553	373,709	13,679	28,723
Illinois	14,520,005		2,236,839	7,643,108	5,920,156	1,154,762	568,190	3,835,806	2,260,086	1,518,820	56,900	804,252
Michigan	7,754,810		64,540	3,699,832	3,390,793	270,489	98,550	3,787,770	2,036,110	1,704,091	47,359	202,668
Wisconsin	3,610,502		56,750	2,027,336	1,889,541	81,554	56,241	1,493,019	769,221	684,847	38,951	33,937
W. N. CENTRAL:												
Minnesota	5,084,909	613	262,392	3,290,742	2,918,908	267,689	104,145	1,458,704	674,139	751,463	33,102	72,458
Iowa	7,421,570		67,452	4,415,525	4,252,657	110,438	52,430	2,803,159	998,382	966,831	837,926	135,434
Missouri	7,370,054		390,489	4,185,341	3,671,052	225,378	288,911	1,941,678	1,259,985	661,439	20,254	852,546
North Dakota	963,133			556,146	448,456	69,619	38,071	396,195	76,831	313,196	6,168	10,792
South Dakota	674,418			200,027	199,459	48	520	466,002	108,069	350,970	6,963	8,389
Nebraska	5,578,577		983,830	3,214,356	2,938,151	182,950	93,255	1,353,040	479,897	862,212	10,931	27,351
Kansas	4,600,191		139,494	2,542,621	2,242,096	299,875	650	1,501,638	726,761	764,507	10,370	416,438
SOUTH ATLANTIC:												
Delaware	150,185			51,712	51,664		48	57,794	46,757	8,124	2,913	40,679
Maryland	2,798,708		297,418	861,780	800,620	47,678	13,842	404,393	270,352	132,581	1,490	1,255,112
Dist. of Columbia	628,897		77,000	397,922	341,433	56,161	328	136,510	133,193	3,027	290	17,465
Virginia	2,839,364		82,610	1,854,455	1,266,695	353,010	234,750	822,533	314,446	504,365	3,722	79,766
West Virginia	1,537,502		8,448	954,667	847,937	105,967	7,599	516,477	153,210	361,568	1,699	57,914
North Carolina	1,271,490			749,478	657,823	82,310	934	494,273	182,214	310,279	1,780	27,739
South Carolina	3,395,788		577,580	1,920,583	1,618,817	105,316	196,450	795,015	256,982	534,916	3,117	102,610
Georgia	4,194,712		240	2,439,760	1,498,890	619,453	321,417	841,331	472,024	366,575	2,732	913,381
Florida	749,563	25		506,235	423,615	64,371	18,249	224,806	134,446	89,826	534	18,497
E. S. CENTRAL:												
Kentucky	3,368,443		321,172	2,069,770	1,881,964	117,021	70,785	913,537	469,273	441,514	2,750	63,964
Tennessee	3,275,963		145,362	2,496,880	1,933,467	498,213	65,200	598,397	300,329	296,862	1,206	35,324
Alabama	3,160,684		2,904	1,815,047	1,464,286	341,340	9,421	1,319,188	254,636	1,063,492	1,060	23,545
Mississippi	2,413,346			1,152,289	857,161	294,748	380	1,163,826	144,688	1,018,709	429	97,231
W. S. CENTRAL:												
Arkansas	2,232,894		1,440	1,067,170	1,448,891	81,890	36,389	1,159,203	928,312	229,939	952	5,081
Louisiana	2,897,633		393,632	2,062,747	1,568,397	300,686	193,691	1,709,920	170,920	218,444	179	51,711
Oklahoma	3,412,138		5,190	1,568,151	1,492,846	75,201	104	1,806,743	514,576	1,286,714	5,453	32,054
Texas	9,344,802		623,707	5,326,530	4,792,854	524,088	9,588	2,420,052	1,368,198	1,047,891	3,963	974,513
MOUNTAIN:												
Montana	1,305,877		47,390	762,820	638,538	122,526	1,756	487,005	166,332	316,943	3,730	8,662
Idaho	672,706			398,074	384,851	13,223		270,526	99,522	169,840	1,164	4,406
Wyoming	211,579			80,287	80,287			120,306	35,540	92,392	1,874	1,186
Colorado	2,477,335		237,062	1,464,410	1,337,326	120,288	6,796	1,154,729	413,160	347,531	4,038	10,234
New Mexico	518,231			246,360	200,880	45,480		243,819	64,841	178,346	632	28,052
Arizona	401,542			124,738	124,318	72		248,455	77,229	170,961	265	28,349
Utah	1,200,210		336	968,995	967,985		920	224,296	100,122	121,897	2,277	6,673
Nevada	76,450		973	10,695	10,695			62,769	19,987	42,724	58	2,013
PACIFIC:												
Washington	102,195,361	35,938,915	50,870,831	3,367,730	711,003	73,998	2,582,729	6,720,572	4,704,214	2,013,762	2,596	5,297,313
Oregon	9,229,659	6,975,507	913,466	809,545	706,622	99,072	3,851	487,642	220,380	266,331	931	43,499
California	17,636,306	1,484,487	7,637,940	4,916,982	3,791,834	608,473	516,675	2,656,662	1,969,662	680,633	6,867	940,235

## Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial holdings of canned salmon on the date of the Survey is shown in detail in Table 11. Considerably more than one-third of the total stocks of the country, it may be seen, were reported from the states of the Pacific division, and almost four-fifths of those reported for this division were found in the state of Washington. Nearly one-half of the stocks reported for the state of Washington were held by the storage warehouses, and fully one-third of the total by the canners. The relative importance of the quantities reported from the various geographic divisions is shown graphically in Diagram 10, while Diagram 11 shows in similar form the stocks reported for the eighteen most important states.

DIAGRAM 10.—STOCKS OF CANNED SALMON REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

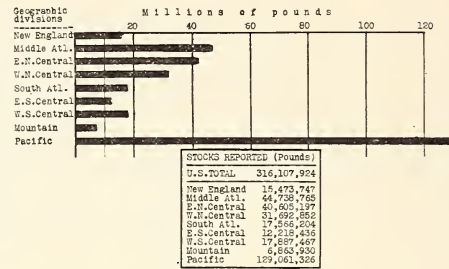
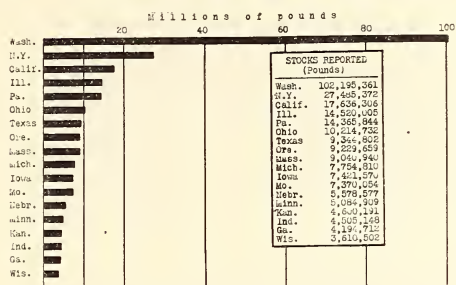


Table 12.—Comparative figures for canned salmon, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		STORAGE WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States	261,883,974	183,849,247	41,613,326	12,997,287	61,246,683	22,382,331	99,688,951	98,009,295	52,339,553	47,259,908
<b>GEOGRAPHIC DIVISIONS:</b>										
New England	11,904,008	12,746,806	27	10	1,001,773	1,444,895	6,420,113	6,832,238	3,926,544	4,039,280
Middle Atlantic	31,070,537	31,223,919	14,040	11,400	5,212,491	3,329,810	16,504,121	16,829,726	8,878,071	10,434,997
East North Central	34,472,184	35,044,337	40,177	—	2,026,897	2,162,933	22,262,339	21,473,117	9,575,265	11,042,464
West North Central	27,723,464	24,534,465	613	346	1,617,011	641,052	17,546,282	16,089,584	8,071,024	6,777,206
South Atlantic	12,534,485	12,896,555	25	40	138,704	141,414	8,436,971	9,404,554	3,207,366	3,038,935
East South Central	10,402,925	9,187,493	—	—	195,286	53,044	6,782,674	7,346,319	3,268,946	1,688,523
West South Central	14,798,106	13,647,260	—	—	373,826	179,587	9,274,859	9,328,633	4,783,807	3,967,147
Mountain	5,754,422	5,193,657	—	—	201,173	133,200	3,398,334	3,013,692	1,924,923	2,015,847
Pacific	113,234,103	89,434,755	41,557,844	12,985,491	50,479,432	14,296,396	8,443,258	7,023,432	8,523,607	4,255,509
<b>NEW ENGLAND:</b>										
Maine	1,921,972	1,966,120	—	—	220	65	1,185,108	1,300,099	649,744	625,229
New Hampshire	846,167	955,300	—	—	—	—	472,591	556,574	358,167	390,667
Vermont	567,341	500,910	—	—	6,817	409	311,756	235,003	243,417	259,402
Massachusetts	6,535,963	6,518,612	27	10	994,736	1,439,021	3,493,423	3,084,614	1,081,688	1,794,447
Rhode Island	782,060	1,297,000	—	—	—	—	400,619	992,151	370,873	289,865
Connecticut	1,250,505	1,508,864	—	—	—	—	556,616	663,197	622,655	679,670
<b>MIDDLE ATLANTIC:</b>										
New York	17,559,283	17,193,096	12,240	10,200	2,806,386	1,897,014	10,150,725	10,317,397	4,335,042	4,669,288
New Jersey	1,989,263	3,030,075	2,400	1,200	97,904	208,044	802,533	797,852	989,929	1,938,581
Pennsylvania	11,521,991	10,999,845	—	—	2,308,201	1,224,752	5,550,863	5,714,477	3,553,100	3,826,878
<b>EAST NORTH CENTRAL:</b>										
Ohio	8,730,820	9,130,490	40,177	—	37,248	159,714	6,549,158	6,226,581	2,050,902	2,678,472
Indiana	4,077,223	3,879,682	—	—	24,780	39,840	2,992,958	2,798,156	1,036,694	1,020,704
Illinois	12,514,034	12,626,218	—	—	1,940,799	1,939,579	7,263,140	7,171,443	3,135,868	3,342,585
Michigan	5,939,408	5,356,960	—	—	24,000	—	3,463,330	3,121,478	2,335,039	2,147,843
Wisconsin	3,210,699	4,050,987	—	—	70	23,770	1,993,753	2,155,459	1,196,762	1,852,860
<b>WEST NORTH CENTRAL:</b>										
Minnesota	4,287,543	4,653,974	613	346	111,874	212,568	2,983,983	3,324,864	1,169,298	1,094,446
Iowa	6,942,506	5,414,970	—	—	48,300	5,330	4,397,339	3,905,002	2,445,633	1,468,022
Missouri	5,993,795	6,336,746	—	—	390,249	313,900	4,086,591	4,516,838	1,491,625	1,480,353
North Dakota	888,208	640,296	—	—	—	—	556,002	325,271	323,702	312,510
South Dakota	564,774	538,528	—	—	—	—	186,669	216,696	370,953	357,434
Nebraska	5,227,945	3,034,458	—	—	928,918	65,134	3,157,812	1,951,744	1,119,032	1,002,929
Kansas	3,818,433	3,895,493	—	—	137,670	44,100	2,177,886	2,459,169	1,150,751	1,081,712
<b>SOUTH ATLANTIC:</b>										
Delaware	80,969	104,157	—	—	—	—	41,080	65,714	35,175	36,254
Maryland	1,285,854	1,557,108	—	—	129,962	138,006	806,570	1,018,291	304,659	313,545
District of Columbia	422,836	530,686	—	—	—	—	302,182	415,455	107,586	109,242
Virginia	2,475,218	2,337,266	—	—	—	—	1,748,997	1,799,929	653,374	496,130
West Virginia	1,327,775	1,352,891	—	—	8,448	—	658,683	1,016,445	407,344	323,554
North Carolina	1,032,386	1,126,329	—	—	—	—	654,903	757,648	352,219	362,229
South Carolina	2,361,117	1,978,259	—	—	384	3,408	1,698,949	1,046,431	561,371	605,474
Georgia	2,876,384	2,789,058	—	—	—	—	2,242,518	2,164,183	627,048	620,071
Florida	661,946	1,060,773	25	40	—	—	495,999	884,458	158,230	172,443
<b>EAST SOUTH CENTRAL:</b>										
Kentucky	2,730,933	2,606,236	—	—	147,732	20,880	1,891,308	1,967,276	637,864	576,813
Tennessee	2,756,318	3,205,306	—	—	44,650	19,200	2,236,912	2,737,227	442,391	429,423
Alabama	2,748,572	2,095,610	—	—	2,904	12,964	1,624,477	1,634,373	1,118,033	445,616
Mississippi	2,167,102	1,280,341	—	—	—	—	1,029,977	1,007,443	1,070,638	236,671
<b>WEST SOUTH CENTRAL:</b>										
Arkansas	2,097,215	1,524,326	—	—	—	1,440	1,038,108	1,251,958	1,054,540	269,427
Louisiana	2,159,363	1,747,854	—	—	—	60	1,814,897	1,401,099	289,067	333,123
Oklahoma	3,070,330	2,851,934	—	—	4,650	1,725	1,494,757	1,250,398	1,549,639	1,801,699
Texas	7,471,198	7,523,126	—	—	342,696	177,802	4,927,097	5,255,178	1,800,561	1,802,856
<b>MOUNTAIN:</b>										
Montana	1,112,489	1,034,373	—	—	43,190	—	672,238	617,456	392,539	409,304
Idaho	539,602	408,370	—	—	—	—	325,174	185,060	208,445	221,393
Wyoming	178,801	170,468	—	—	—	—	80,287	56,470	97,728	113,313
Colorado	2,172,937	1,610,406	—	—	157,010	128,322	1,896,242	860,575	612,815	614,968
New Mexico	437,387	505,911	—	—	—	1,320	245,444	261,757	189,953	240,320
Arizona	253,000	345,965	—	—	—	—	40,536	140,371	204,434	196,209
Utah	998,540	1,048,285	—	—	—	—	824,718	878,437	170,447	168,415
Nevada	61,666	69,879	—	—	973	3,558	10,665	13,566	48,924	51,925
<b>PACIFIC:</b>										
Washington	91,271,501	26,645,936	34,869,724	10,731,029	42,817,031	10,818,274	3,237,969	2,309,237	6,578,024	2,248,982
Oregon	7,775,018	3,444,714	5,756,305	2,037,006	889,220	315,248	769,194	507,113	344,994	344,994
California	14,187,584	9,344,103	931,815	217,456	6,778,181	3,162,874	4,439,095	4,207,082	1,021,702	1,662,133

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 6,995,461 pounds; for 1917, 3,200,426 pounds.

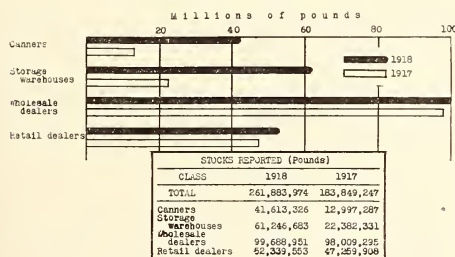
DIAGRAM 11.—STOCKS OF CANNED SALMON REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



## Comparative Figures for 1918 and 1917.

About four-fifths of the reports for canned salmon, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 9. Each of the main classes, it may be noticed, reported larger stocks for the date of the Survey than for a year earlier. The increase was largest in the case of the canners and smallest in the case of the wholesale dealers taken as a group. The wholesale grocers alone showed a slight decrease in stocks. The total stocks on the date of the Survey were 42.4 per cent larger than the stocks on hand January 1, 1917. Comparative figures by geographic divisions and states may be found in Table 12, while the relative importance of the stocks of canned salmon on the date of the Survey and on January 1, 1917, is shown for the principal classes of business by Diagram 12.

DIAGRAM 12.—STOCKS OF CANNED SALMON REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



## COMMERCIAL STOCKS OF CANNED SARDINES

The commercial holdings of canned sardines reported in the Food Survey of January 1, 1918, amounted to 73,837,518 pounds. Of these stocks the canners held 23.8 per cent; the warehouses, 10.3 per cent; the wholesale dealers, 39.5 per cent; and the retail dealers, 23.3 per cent. The remainder, amounting to 3.1 per cent of the total, was held by a miscellaneous group of firms. From these percentages it may be seen that the canners and the retailers each held not far from one-fourth of the total stocks, while the wholesale dealers alone held approximately two-fifths of the total. The stocks reported by the several classes and subclasses of business concerns are shown in the first column of Table 13, while the relative quantities reported by the different classes of concerns are shown graphically in Diagram 13.

The number of firms reporting canned sardines is shown, by classes of business, in Table 14.

Table 13.—Stocks of canned sardines reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
	Pounds.	Pounds.		Pounds.
<b>Total</b> .....	<b>73,837,518</b>	<b>56,631,331</b>	<b>122.6</b>	<b>46,202,409</b>
Canners.....	17,582,168	10,695,900	200.7	5,329,148
Warehouses.....	7,600,153	5,085,711	146.7	3,465,647
Wholesale dealers.....	29,190,867	25,790,695	106.7	24,180,781
Wholesale grocers.....	22,911,462	20,883,172	109.2	20,841,620
Meal packers.....	3,122,194	2,533,905	206.3	1,228,112
Other wholesale dealers.....	3,157,211	2,373,618	112.4	2,111,049
Retail dealers.....	17,206,965	13,161,431	111.7	11,781,032
Retail grocers.....	12,001,525	8,989,369	114.0	7,888,769
General stores.....	3,996,103	3,044,907	81.2	3,751,496
Other retail dealers.....	1,209,337	1,127,155	800.7	140,767
Miscellaneous.....	2,257,365	1,897,594	131.2	1,445,801

DIAGRAM 13.—DISTRIBUTION OF TOTAL STOCKS OF CANNED SARDINES REPORTED FOR JANUARY 1, 1918.

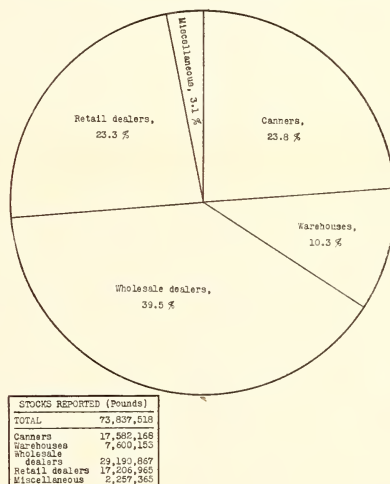


Table 14.—Number of firms reporting canned sardines, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
<b>Total</b> .....	<b>198,344</b>	<b>140,790</b>
Canners.....	143	108
Warehouses.....	158	97
Wholesale dealers.....	5,573	4,548
Wholesale grocers.....	4,057	3,521
Meal packers.....	508	395
Other wholesale dealers.....	1,008	632
Retail dealers.....	181,405	128,867
Retail grocers.....	110,574	77,415
General stores.....	65,727	47,598
Other retail dealers.....	5,104	2,854
Miscellaneous.....	11,065	7,170

## Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of canned sardines on the date of the Survey is given in detail in Table 15. Approximately one-half of the total commercial stocks of canned sardines were found in two geographic divisions, namely, the New England and the Middle Atlantic divisions. Among the individual states, Maine ranked first, New York second, California third, Pennsylvania fourth, Illinois fifth, and Massachusetts sixth. The stocks reported from Maine and California were very largely in the hands of the canners, while the stocks reported by the other states mentioned were more generally distributed among the different classes of firms reporting. The stocks reported from the various geographic divisions are represented in graphic form in Diagram 14, and those reported for the eighteen most important states are shown in similar form in Diagram 15.

DIAGRAM 14.—STOCKS OF CANNED SARDINES REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

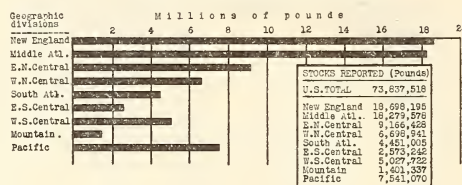
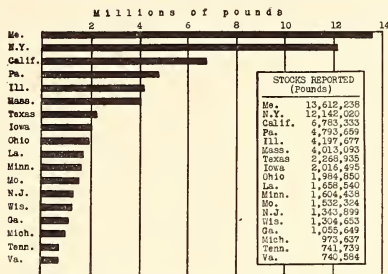


Table 15.—Stocks of canned sardines reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Canners.	Ware- houses.	WHOLESALE DEALERS.				RETAIL DEALERS.				Miscella- neous.
				Total.	Whole- sale grocers.	Meat packers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States.....	73,837,518	17,582,168	7,600,153	29,190,867	22,911,462	3,122,194	3,157,211	17,206,965	12,001,525	3,996,103	1,209,337	2,257,365
GEOGRAPHIC DIVISIONS:												
New England.....	18,698,195	13,473,656	1,206,481	1,535,022	1,250,485	147,096	137,441	1,003,777	882,306	99,592	21,879	1,479,259
Middle Atlantic.....	18,279,578	286,099	4,000,935	8,847,526	3,546,431	390,114	1,110,981	8,865,174	6,273,143	511,855	80,076	279,244
East North Central.....	9,166,428	33,815	761,694	5,885,324	4,628,770	287,672	968,882	2,348,420	1,691,986	610,892	45,542	137,175
West North Central.....	6,698,941	37,371	399,708	3,630,653	2,845,607	383,903	401,143	2,550,259	804,903	706,473	1,038,883	80,950
South Atlantic.....	4,451,005	5,760	265,662	3,074,913	2,084,610	781,929	208,374	1,005,490	562,699	344,878	7,913	99,180
East South Central.....	2,573,242	26	12,172	2,022,287	1,540,771	366,592	114,924	516,255	247,587	267,236	1,432	22,502
West South Central.....	5,027,722	47	296,634	3,534,306	2,853,402	551,601	129,243	1,146,853	536,487	606,766	3,600	49,882
Mountain.....	1,401,337	48,493	642,821	565,586	612,298	15,937	689,723	261,237	423,267	5,189	20,300	88,873
Pacific.....	7,541,070	3,744,794	608,374	2,018,015	1,795,800	151,929	70,286	1,081,014	741,177	335,014	4,823	88,873
NEW ENGLAND:												
Maine.....	13,612,238	12,746,332	698,191	83,605	73,556	6,053	3,996	66,297	49,484	15,777	1,036	17,813
New Hampshire.....	155,337			83,390	58,597	28,855	938	70,458	54,508	14,980	970	1,509
Vermont.....	59,174		1,166	22,302	21,490	423	389	34,647	18,389	14,580	1,678	1,051
Massachusetts.....	4,013,093	724,839	506,919	863,871	672,332	75,945	115,594	480,116	440,562	30,278	9,276	1,437,348
Rhode Island.....	311,276		205	190,591	173,575	9,546	7,470	117,914	108,830	7,464	1,620	2,566
Connecticut.....	547,057	2,485		291,263	250,935	31,274	9,054	234,345	210,533	16,513	7,299	18,964
MIDDLE ATLANTIC:												
New York.....	12,142,020	267,303	3,765,497	4,048,330	2,851,840	151,875	1,044,615	3,832,141	3,627,238	157,885	47,018	228,749
New Jersey.....	1,343,899	5,330	155,057	412,501	327,509	74,806	10,186	758,310	717,569	32,910	7,831	12,701
Pennsylvania.....	4,793,659	14,066	80,381	2,386,695	2,167,082	163,433	56,180	2,274,723	1,928,336	321,160	25,227	37,794
EAST NORTH CENTRAL:												
Ohio.....	1,984,586	2,804	139,302	1,256,646	1,100,016	21,933	134,697	569,119	449,199	111,112	8,808	16,979
Indiana.....	705,611	896	31,213	450,611	433,212	11,987	5,412	213,604	168,040	43,199	2,365	9,287
Illinois.....	4,197,677	3,345	591,154	2,742,294	1,806,090	157,258	778,946	787,025	583,363	191,504	12,158	73,859
Michigan.....	973,637	26,770		554,743	510,091	37,774	6,878	368,699	257,880	100,015	10,804	23,425
Wisconsin.....	1,304,653		25	881,030	779,361	58,720	42,949	409,973	233,504	165,062	11,407	13,625
WEST NORTH CENTRAL:												
Minnesota.....	1,604,438	1,040	231,554	1,029,256	720,818	192,180	116,258	326,796	166,818	148,084	11,894	15,792
Iowa.....	2,016,495	45	6,870	712,520	638,820	61,009	12,691	1,281,984	151,328	120,203	1,010,453	15,076
Missouri.....	1,532,324	36,286	110,073	998,916	759,619	15,159	224,138	356,375	273,229	78,782	4,364	30,674
North Dakota.....	170,364			83,051	58,228	9,554	15,269	85,006	16,770	65,862	2,374	2,807
South Dakota.....	267,629			158,766	140,628	13,527	4,611	105,500	23,888	78,141	3,471	3,363
Nebraska.....	576,564		43,691	316,677	247,188	41,382	28,107	207,263	79,548	124,066	3,649	8,933
Kansas.....	531,127		7,520	331,467	280,306	51,092	69	187,335	93,322	91,335	2,678	4,805
SOUTH ATLANTIC:												
Delaware.....	52,766			20,989	19,929	1,060		20,138	18,114	2,024		11,639
Maryland.....	694,500	5,568	145,382	347,336	326,455	8,462	12,199	168,724	127,270	40,742	712	27,490
District of Columbia.....	158,520		40,538	98,265	56,283	40,403	1,579	45,759	45,163	248	348	3,958
Virginia.....	740,584	114		574,433	362,709	173,624	38,040	154,937	88,161	62,233	4,541	11,100
West Virginia.....	249,098	38		164,991	118,410	46,471	110	82,108	32,563	49,202	343	1,961
North Carolina.....	386,056			276,157	198,988	28,012	108,220	42,055	65,915	250	1,679	
South Carolina.....	611,638		36,720	410,636	246,650	98,304	65,682	156,170	57,281	98,522	367	8,112
Georgia.....	1,055,049	15	43,022	803,575	474,431	284,706	44,438	190,411	106,363	82,799	1,249	18,626
Florida.....	472,194	25		378,531	246,536	109,681	22,314	79,023	45,729	33,191	103	14,615
EAST SOUTH CENTRAL:												
Kentucky.....	544,984		11,000	392,508	323,062	14,730	54,716	134,424	93,474	40,461	489	7,052
Tennessee.....	741,739		1,172	636,217	455,162	122,814	58,235	100,436	55,722	44,461	253	3,914
Alabama.....	667,840			519,820	426,873	91,290	1,687	144,124	50,695	92,935	494	3,866
Mississippi.....	618,679	26		473,712	335,668	137,758	286	137,271	47,696	89,379	196	7,670
WEST SOUTH CENTRAL:												
Arkansas.....	575,883			440,089	365,541	73,388	1,160	132,786	39,961	92,517	308	3,008
Louisiana.....	1,066,540	47	268,516	1,125,092	762,377	256,138	106,217	255,376	122,733	132,633	160	9,959
Oklahoma.....	524,364		11,648	351,919	274,962	64,811	12,146	156,410	84,453	70,488	1,469	4,387
Texas.....	2,268,935		16,470	1,617,206	1,450,162	157,324	9,720	602,281	289,340	311,278	1,663	32,978
MOUNTAIN:												
Montana.....	220,105	300	96,916	83,826	12,858	232	118,629	45,104	72,131		1,394	4,260
Idaho.....	147,850	144	90,284	87,764	2,070	450	56,032	19,863	35,299		870	1,680
Wyoming.....	63,725		12,678		12,678		50,470	12,231	37,741		498	577
Colorado.....	376,737		32,137	171,888	133,022	24,105	14,761	166,035	91,114	75,512	1,409	6,677
New Mexico.....	171,837		1,636	58,398	51,644	6,754		110,532	20,076	90,168	288	1,271
Arizona.....	124,237		15,416	33,373	11,574	469	76,350	25,193	50,927		230	2,470
Utah.....	256,560		13,182	163,385	159,423	3,937	25	76,970	32,818	43,694	458	3,023
Nevada.....	40,286		1,094	3,856			34,705	14,838	19,825		42	631
PACIFIC:												
Washington.....	488,449	1,007	51,308	267,131	219,805	11,315	36,011	159,735	106,307	52,422	1,006	9,268
Oregon.....	269,288	80	1,600	137,656	98,814	24,236	14,606	121,950	73,701	47,407	842	8,002
California.....	6,783,338	3,743,707	555,466	1,613,228	1,477,181	116,378	19,669	799,329	561,169	235,185	2,975	71,603

DIAGRAM 15.—STOCKS OF CANNED SARDINES REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



## Comparative Figures for 1918 and 1917.

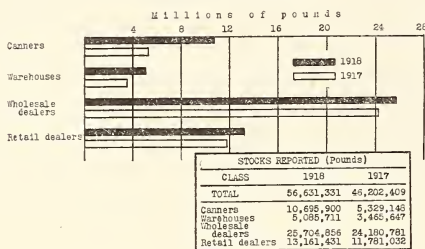
More than three-fourths of the reports received, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports may be found, for the different classes and subclasses of business concerns, in Table 13, and for geographic divisions and states in Table 16. From these figures it appears that the commercial stocks of canned sardines on the date of the Survey were materially larger than those on January 1, 1917. The cannery dealers reported an increase of more than 100 per cent, while the wholesale dealers reported an increase of only 6.7 per cent. The total commercial stocks on the date of the Survey were 22.6 per cent larger than those of January 1, 1917. The stocks of canned sardines reported for the two dates referred to are shown graphically, for the more important classes of business concerns, in Diagram 16.

Table 16.—Comparative figures for canned sardines, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS AND SALT-FISH PACKERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918. 1917.		1918. 1917.		1918. 1917.		1918. 1917.		1918. 1917.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	56,631,331	46,202,409	10,695,900	5,329,148	5,085,711	3,465,647	25,704,856	24,180,781	13,161,431	11,781,032
GEOGRAPHIC DIVISIONS:										
New England.....	11,633,387	7,515,547	7,184,178	4,018,204	1,049,203	431,378	1,256,740	1,146,619	713,824	965,710
Middle Atlantic.....	13,806,673	10,965,995	286,496	199,706	2,506,834	2,110,046	5,064,827	5,050,642	5,186,638	3,389,678
East North Central.....	7,913,123	7,647,099	33,785	39,192	557,229	255,937	5,480,995	5,088,655	1,752,489	2,140,702
West North Central.....	6,118,689	5,250,593	1,862	5,510	3,386,738	284,940	3,386,738	3,506,492	2,194,901	1,398,793
South Atlantic.....	3,680,185	3,655,213	5,722	3,901	153,862	39,984	2,747,944	2,691,030	719,874	871,921
East South Central.....	2,108,774	2,151,883	26	15	1,722,607	1,607,511	1,607,511	1,607,511	373,451	469,010
West South Central.....	3,030,442	3,654,915	47	23	30,613	61,083	2,839,974	2,839,974	842,686	842,686
Mountain.....	1,090,486	1,216,438	—	—	47,617	7,249	490,126	529,958	538,732	664,234
Pacific.....	6,329,552	4,144,726	3,183,784	1,062,457	344,432	225,030	1,914,905	1,910,837	838,866	902,950
NEW ENGLAND:										
Maine.....	7,331,657	3,366,206	6,501,664	3,063,274	698,191	153,940	73,052	72,195	51,055	67,904
New Hampshire.....	138,591	115,968	—	—	—	—	82,659	50,750	54,822	63,510
Vermont.....	50,385	46,851	—	—	1,166	617	22,074	12,797	26,627	32,522
Massachusetts.....	3,462,549	3,284,258	680,029	953,530	349,846	326,821	694,433	636,275	313,802	491,665
Rhode Island.....	242,316	172,282	—	—	—	—	150,568	82,299	90,030	87,551
Connecticut.....	427,589	529,982	2,485	1,500	—	—	233,954	292,303	177,468	222,558
MIDDLE ATLANTIC:										
New York.....	8,734,820	6,684,282	267,100	192,966	2,282,135	2,025,843	3,434,363	2,864,867	2,622,610	1,458,504
New Jersey.....	1,107,987	688,594	5,330	3,940	155,057	84,188	319,447	264,056	619,168	327,708
Pennsylvania.....	3,968,566	3,593,119	14,066	2,800	69,642	15	1,911,017	1,921,719	1,944,860	1,003,466
EAST NORTH CENTRAL:										
Ohio.....	1,629,483	1,613,674	2,804	20,667	43,807	122,210	1,179,536	975,993	391,469	481,268
Indiana.....	610,031	613,558	896	1,800	—	—	443,038	413,906	158,673	189,593
Illinois.....	3,661,923	3,346,691	3,345	3,969	2,407,262	133,702	2,353,999	605,839	877,665	877,665
Michigan.....	838,246	871,397	26,740	12,756	—	—	514,629	512,968	277,442	321,842
Wisconsin.....	1,173,440	1,201,779	—	—	25	25	846,530	832,689	319,066	360,334
WEST NORTH CENTRAL:										
Minnesota.....	1,474,075	1,313,744	1,040	4,130	231,554	145,135	978,411	872,898	250,658	277,262
Iowa.....	1,948,553	868,001	45	200	1,911	—	71,159	606,689	1,226,720	253,298
Missouri.....	1,351,009	1,633,137	777	1,220	110,073	90,673	867,241	1,198,325	268,484	324,162
North Dakota.....	138,338	160,191	—	—	—	—	73,040	80,384	64,152	78,142
South Dakota.....	230,963	232,656	—	—	—	60	148,835	144,304	79,272	85,780
Nebraska.....	528,878	511,351	—	—	43,691	33,659	314,730	269,441	162,689	202,282
Kansas.....	446,873	551,513	—	—	7,520	15,413	293,322	334,451	142,925	177,867
SOUTH ATLANTIC:										
Delaware.....	29,981	31,376	—	—	—	—	17,452	14,547	12,036	16,565
Maryland.....	574,349	544,100	5,545	3,099	112,262	15,264	312,422	368,798	122,675	132,998
District of Columbia.....	121,685	104,546	—	—	—	—	86,268	60,966	52,533	40,822
Virginia.....	660,255	689,988	99	100	—	—	538,886	560,518	112,212	122,087
West Virginia.....	224,896	267,705	38	27	—	—	163,201	190,961	60,519	75,733
North Carolina.....	312,483	319,371	—	—	—	—	237,197	220,795	74,338	97,754
South Carolina.....	496,435	520,850	—	—	—	60	375,796	371,034	112,997	148,886
Georgia.....	851,324	770,837	15	40	41,600	24,720	671,537	677,740	136,346	167,207
Florida.....	408,477	406,240	25	35	—	—	345,185	326,771	56,218	69,806
EAST SOUTH CENTRAL:										
Kentucky.....	455,484	363,348	—	—	—	—	356,324	230,026	96,242	129,738
Tennessee.....	398,975	819,437	—	—	1,172	—	517,847	721,813	71,659	94,705
Alabama.....	584,927	589,284	—	—	—	—	477,010	449,379	105,152	133,549
Mississippi.....	474,385	379,813	26	15	—	—	371,426	266,293	100,398	111,673
WEST SOUTH CENTRAL:										
Arkansas.....	512,463	539,380	—	—	—	—	416,165	421,940	94,417	114,403
Louisiana.....	1,093,781	889,768	47	23	4,525	13,450	907,266	678,960	178,184	194,022
Oklahoma.....	439,561	540,510	—	—	11,648	25,278	327,083	394,248	99,350	119,226
Texas.....	1,884,657	1,685,257	—	—	14,440	22,355	1,389,440	1,093,889	470,705	550,383
MOUNTAIN:										
Montana.....	182,564	195,421	—	—	—	—	88,059	87,846	91,899	104,665
Idaho.....	115,225	121,032	—	—	—	—	72,830	69,568	41,410	50,775
Wyoming.....	53,195	60,313	—	—	—	—	12,678	14,484	40,071	45,399
Colorado.....	287,366	295,123	—	—	32,137	549	116,535	147,191	133,674	142,528
New Mexico.....	144,679	239,061	—	—	1,636	1,470	54,199	88,253	88,133	149,584
Arizona.....	74,739	89,500	—	—	—	—	4,776	9,422	97,397	76,705
Utah.....	199,809	183,045	—	—	12,750	3,120	126,193	108,674	58,510	69,410
Nevada.....	32,909	32,035	—	—	1,094	2,110	3,856	4,520	27,638	25,108
PACIFIC:										
Washington.....	422,382	444,012	962	973	51,308	—	242,405	299,219	121,206	137,370
Oregon.....	235,931	321,151	80	21	1,600	10,710	135,723	205,247	91,337	100,332
California.....	5,671,239	3,379,563	3,182,742	1,061,643	291,524	214,320	1,536,777	1,406,371	626,232	665,248

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 1,897,594 pounds; for 1917, 1,445,801 pounds.

DIAGRAM 16.—STOCKS OF CANNED SARDINES REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



### COMMERCIAL STOCKS OF CANNED TOMATOES.

The commercial stocks of canned tomatoes reported in the Food Survey of January 1, 1918, amounted to 613,188,681 pounds. Of these stocks the canners held 19.8 per cent; the warehouses, 9.8 per cent; the wholesale dealers, 30.3 per cent; and the retail dealers, 30.8 per cent. The wholesale dealers and retail dealers thus held approximately equal quantities of this commodity, the stocks of each of these classes of dealers being slightly larger than those of the canners and the warehouses combined. The remaining stocks of canned tomatoes, amounting to 9.3 per cent of the total, were held by a miscellaneous group of firms. The holdings reported for the several classes and subclasses of business concerns are shown in the first column of Table 17, while the relative importance of the stocks reported by the different classes is indicated by Diagram 17.

The number of schedules received and tabulated for canned tomatoes is shown, by classes of business, in Table 18.

Table 17.—Stocks of canned tomatoes reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

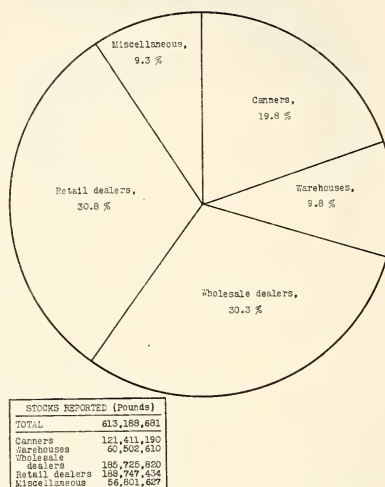
CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
	Pounds.	Quantity.	Per cent of 1917.	Pounds.
<b>Total</b> .....	<b>613,188,681</b>	<b>448,088,676</b>	<b>107.8</b>	<b>415,716,616</b>
Canners.....	121,411,190	95,949,357	258.9	37,056,376
Warehouses.....	60,502,610	30,562,933	101.9	30,007,254
Wholesale dealers.....	185,725,820	163,703,605	91.9	178,219,701
Wholesale grocers.....	152,539,222	136,280,791	85.5	159,419,289
Other wholesale dealers.....	33,186,597	27,422,884	145.8	18,809,412
Retail dealers.....	188,747,434	144,192,993	91.9	156,898,320
Retail grocers.....	118,347,468	90,685,053	89.7	101,150,187
General stores.....	68,303,018	52,113,704	95.9	54,316,381
Other retail dealers.....	2,196,948	1,394,236	97.4	1,431,812
Miscellaneous*.....	56,801,627	13,679,788	101.1	13,534,965

\* The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

Table 18.—Number of firms reporting canned tomatoes, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
<b>Total</b> .....	<b>217,985</b>	<b>155,544</b>
Canners.....	1,014	612
Warehouses.....	285	179
Wholesale dealers.....	6,042	4,958
Wholesale grocers.....	4,176	3,630
Other wholesale dealers.....	1,666	1,324
Retail dealers.....	194,095	139,468
Retail grocers.....	113,379	79,981
General stores.....	73,763	55,470
Other retail dealers.....	7,115	4,017
Miscellaneous.....	15,949	10,327

DIAGRAM 17.—DISTRIBUTION OF TOTAL STOCKS OF CANNED TOMATOES REPORTED FOR JANUARY 1, 1918.



### Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of canned tomatoes among the geographic divisions and states on the date of the Survey is shown in Table 19. The South Atlantic division ranked first in stocks of this commodity, with the Middle Atlantic division second. Among the individual states, California ranked first, Maryland second, New York third, and Pennsylvania fourth. The quantities reported for the nine geographic divisions of the country are shown graphically in Diagram 18, while those reported for each of the eighteen most important states are similarly represented in Diagram 19.

DIAGRAM 18.—STOCKS OF CANNED TOMATOES REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

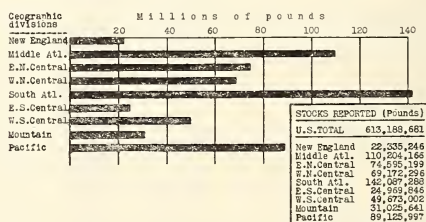
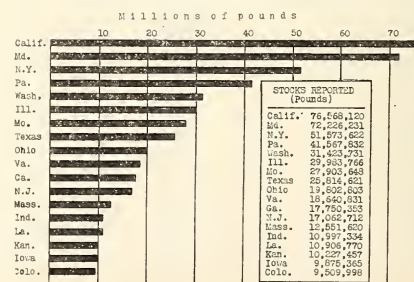


DIAGRAM 19.—STOCKS OF CANNED TOMATOES REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



## Comparative Figures for 1918 and 1917.

About three-fourths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. The comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 17, and similar comparative figures are given, by geographic divisions and states, in Table 20. From these figures it may be seen that the stocks of the wholesale dealers and the retail dealers were approximately 8 per cent smaller on the date of the Survey than on January 1, 1917. The holdings of the warehouses, however, were slightly larger on the date of the Survey than on the earlier date, while those of the canners show a very marked increase. The total stocks on January 1, 1918, were 7.8 per cent larger than those on January 1, 1917. The relative importance of the stocks of canned tomatoes held on the two dates by each of the more important classes of business is indicated by Diagram 20.

DIAGRAM 20.—STOCKS OF CANNED TOMATOES REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

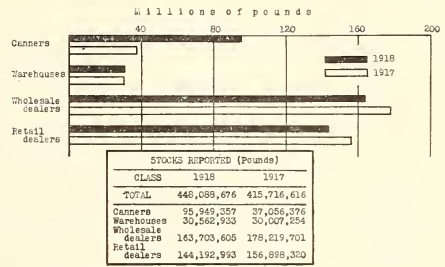


Table 19.—Stocks of canned tomatoes reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Canners.	Ware- houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscella- neous.
				Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States.....	Pounds. 613,188,681.	Pounds. 121,411,190	Pounds. 60,502,610	Pounds. 185,725,820	Pounds. 152,539,223	Pounds. 33,186,597	Pounds. 188,747,434	Pounds. 118,347,468	Pounds. 68,203,018	Pounds. 2,196,948	Pounds. 56,801,627
GEOGRAPHIC DIVISIONS:											
New England.....	22,335,246	176,934	1,938,319	6,588,406	5,190,690	1,397,716	10,470,170	8,638,194	1,540,380	291,596	3,161,417
Middle Atlantic.....	110,204,104	6,668,309	19,415,243	37,169,399	33,522,705	3,646,694	40,765,946	32,051,070	7,958,120	756,756	6,185,269
East North Central.....	74,595,199	4,397,773	5,211,554	31,989,226	26,501,417	5,487,809	27,990,279	20,679,076	6,883,944	427,259	5,006,367
West North Central.....	90,172,296	4,770,285	3,595,628	23,942,487	21,016,838	2,925,649	28,917,785	14,642,452	13,679,062	286,841	6,137,511
South Atlantic.....	142,087,288	47,192,199	23,897,891	27,195,864	18,743,375	8,452,489	22,244,624	10,884,241	11,136,785	223,598	21,646,710
East South Central.....	24,969,846	1,581,723	1,070,325	12,319,283	9,383,114	2,936,169	8,844,139	4,660,169	4,148,285	35,685	1,154,376
West South Central.....	49,673,002	872,642	1,192,598	23,425,676	20,801,435	2,624,241	17,088,894	10,248,914	6,782,289	57,691	7,093,192
Mountain.....	31,025,611	4,581,434	376,073	8,587,708	7,706,934	880,774	16,771,422	6,592,945	10,103,804	74,673	7,099,004
Pacific.....	89,125,997	51,160,891	2,094,979	14,507,771	9,672,635	4,835,076	15,954,375	9,950,407	5,670,319	33,849	5,707,781
NEW ENGLAND:											
Maine.....	2,088,999	18,120	212,340	603,451	455,343	148,108	1,177,775	862,685	295,605	19,485	77,313
New Hampshire.....	1,367,815	4,990	---	300,139	269,481	30,658	914,283	632,670	206,288	15,325	148,397
Vermont.....	669,370	---	---	99,684	86,121	13,563	498,767	299,559	177,915	20,283	70,919
Massachusetts.....	12,551,620	2,924	1,489,187	3,757,156	2,925,596	831,560	4,736,681	3,955,800	653,384	127,497	2,565,672
Rhode Island.....	1,931,389	---	236,792	706,995	584,679	122,316	902,129	814,661	74,997	12,471	85,473
Connecticut.....	3,726,053	150,894	---	1,120,981	869,470	251,511	2,240,535	1,012,809	131,191	96,535	213,643
MIDDLE ATLANTIC:											
New York.....	51,573,622	1,253,265	8,248,151	19,552,912	17,826,987	1,725,925	18,663,153	16,339,960	2,064,325	267,868	3,856,141
New Jersey.....	17,062,712	516,594	1,693,397	3,212,285	2,850,935	361,350	6,188,967	5,475,494	565,343	148,130	799,469
Pennsylvania.....	41,567,832	2,468,450	9,473,695	14,404,202	12,844,783	1,559,419	15,913,826	10,244,616	5,328,452	340,758	1,529,659
EAST NORTH CENTRAL:											
Ohio.....	19,802,803	843,884	922,620	10,078,439	9,616,269	462,170	6,911,421	5,163,764	1,661,993	85,664	1,046,439
Indiana.....	10,997,334	2,993,947	557,399	3,565,722	3,494,054	71,668	3,562,321	2,825,834	706,977	29,510	317,945
Illinois.....	29,983,766	448,270	5,358,385	12,840,425	8,834,002	4,006,423	10,695,401	7,739,030	2,810,081	146,290	2,461,285
Michigan.....	8,180,095	109,952	82,000	2,888,787	2,473,094	415,693	4,101,535	3,149,565	876,553	75,622	997,838
Wisconsin.....	5,631,201	1,740	111,150	2,615,853	2,083,998	531,855	2,719,598	1,800,885	828,540	90,173	182,860
WEST NORTH CENTRAL:											
Minnesota.....	8,383,292	305	283,164	4,347,764	3,832,443	515,321	3,520,436	2,148,541	1,315,933	55,962	231,623
Iowa.....	9,875,365	232,397	709,136	3,920,752	3,481,780	438,972	4,302,458	2,474,940	1,987,715	57,803	492,622
Missouri.....	27,003,648	4,404,029	4,004,207	7,446,601	6,521,553	925,048	9,362,945	5,710,247	3,537,025	115,673	2,625,866
North Dakota.....	1,665,952	---	---	229,788	194,166	35,622	1,408,230	250,371	1,143,145	14,714	27,394
South Dakota.....	2,124,473	---	---	653,920	608,647	45,273	1,410,920	321,624	1,079,775	9,521	59,633
Nebraska.....	8,992,109	56,694	142,944	2,888,484	2,523,248	365,236	3,389,624	1,337,275	2,230,338	22,011	2,314,663
Kansas.....	10,227,457	25,860	256,177	4,455,178	3,855,001	600,177	5,104,772	2,399,454	2,685,161	20,157	385,470
SOUTH ATLANTIC:											
Delaware.....	6,464,796	5,404,892	263,139	200,633	132,694	67,939	397,335	345,210	36,345	15,780	198,797
Maryland.....	72,226,231	31,496,860	22,608,723	4,313,419	3,955,582	3,357,837	3,662,801	2,231,974	1,367,922	62,905	10,141,428
District of Columbia.....	2,240,851	36,000	388,512	898,043	664,748	233,295	725,912	717,350	5,986	2,576	193,389
Virginia.....	18,640,831	10,009,505	39,448	4,029,727	3,020,840	1,008,887	4,211,857	1,714,653	2,464,278	33,026	350,194
West Virginia.....	8,940,033	176,077	67,200	3,920,639	3,514,707	414,923	4,572,923	1,087,516	3,462,756	22,651	194,203
North Carolina.....	4,447,795	47,626	---	2,255,959	1,837,290	418,669	2,010,231	750,058	1,209,798	50,375	133,979
South Carolina.....	4,541,693	15,049	352,167	1,918,370	1,451,871	466,499	1,846,804	808,263	1,030,615	7,926	409,303
Georgia.....	17,750,353	3,190	88,702	5,016,968	3,455,335	1,561,633	2,856,133	1,946,961	884,048	25,124	9,785,360
Florida.....	6,833,700	---	---	4,633,115	3,710,308	922,807	1,960,528	1,282,256	675,037	3,235	240,057
EAST SOUTH CENTRAL:											
Kentucky.....	7,198,460	791,384	732,220	2,381,814	2,182,014	199,800	2,636,931	1,694,102	926,855	15,974	656,111
Tennessee.....	7,533,158	752,095	64,755	4,137,114	2,516,448	1,620,666	2,403,178	1,572,252	820,918	7,008	176,016
Alabama.....	6,133,677	1,500	273,350	3,837,486	2,851,401	686,085	2,076,732	895,923	1,173,268	7,541	244,639
Mississippi.....	4,104,551	36,744	---	2,262,869	1,833,251	429,618	1,727,298	497,892	1,227,244	2,162	77,640
WEST SOUTH CENTRAL:											
Arkansas.....	5,656,097	868,330	46,560	2,529,008	2,100,915	428,093	1,675,364	859,365	809,975	6,024	536,835
Louisiana.....	10,906,770	443	289,205	6,316,570	5,371,303	942,267	8,341,996	2,365,273	1,449,113	610	485,553
Oklahoma.....	7,295,514	---	146,720	3,312,363	2,962,642	326,941	3,697,070	2,100,034	1,564,894	32,142	139,357
Texas.....	25,811,621	3,860	710,106	11,267,735	10,340,795	926,940	7,901,464	4,924,242	2,958,307	18,915	5,931,447
MOUNTAIN:											
Montana.....	5,673,550	---	25,050	2,082,958	1,594,472	488,486	3,459,603	1,367,772	2,074,632	17,229	105,939
Idaho.....	3,088,684	19,883	98,455	621,600	567,392	54,217	2,324,701	709,277	1,397,828	17,536	24,036
Wyoming.....	2,264,238	---	---	349,083	349,083	---	901,703	501,703	1,397,338	4,820	11,294
Colorado.....	5,509,998	1,556,970	184,587	3,029,138	2,739,110	290,028	4,537,906	2,414,052	2,087,053	16,801	221,127
New Mexico.....	1,866,211	51,243	33,240	710,161	710,137	24	939,782	272,446	666,049	1,287	131,785
Arizona.....	1,181,236	---	3,000	230,292	204,612	25,680	871,151	304,465	565,764	922	76,793
Utah.....	6,284,882	2,953,338	24,159	1,807,936	1,485,617	22,319	1,684,812	627,931	1,040,983	15,898	114,637
Nevada.....	1,156,842	---	7,312	56,531	56,531	---	1,069,606	395,299	674,187	120	23,993
PACIFIC:											
Washington.....	8,372,308	34,109	165,295	1,110,729	1,872,247	238,482	3,774,746	2,202,873	1,563,305	8,568	2,287,429
Oregon.....	4,185,563	128,663	111,486	1,292,593	1,208,832	83,761	2,558,017	1,187,052	1,367,055	3,910	94,810
California.....	76,568,120	50,968,119	1,818,198	11,104,449	6,591,616	4,512,833	9,321,812	6,560,482	2,739,959	21,371	3,325,542

Table 20.—Comparative figures for canned tomatoes, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
<b>United States</b> .....	<b>448,088,676</b>	<b>415,716,616</b>	<b>95,949,357</b>	<b>37,056,376</b>	<b>30,562,933</b>	<b>30,007,254</b>	<b>163,703,605</b>	<b>178,219,701</b>	<b>144,192,993</b>	<b>156,898,320</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	15,828,157	21,434,798	151,574	97,530	883,962	1,399,131	5,711,451	9,442,792	7,659,843	9,471,725
Middle Atlantic.....	82,379,446	95,921,908	5,204,241	3,057,830	12,778,456	19,752,950	28,100,025	31,985,889	32,078,682	36,801,342
East North Central.....	59,018,193	61,818,360	3,422,834	2,223,476	3,854,046	2,675,990	28,180,645	31,189,786	20,865,089	23,296,352
West North Central.....	52,820,608	58,499,936	2,452,606	1,019,746	4,975,004	1,440,797	22,889,678	29,847,902	21,298,262	24,241,264
South Atlantic.....	82,227,609	53,068,266	35,044,509	14,534,497	5,253,945	1,901,806	24,183,754	20,439,324	16,296,258	14,654,786
East South Central.....	19,237,438	16,998,487	627,381	51,950	295,431	318,419	11,287,282	10,816,007	6,715,164	5,595,332
West South Central.....	36,550,558	36,514,583	566,679	1,737	520,904	700,298	21,741,074	22,502,763	13,367,192	12,923,490
Mountain.....	25,899,255	26,041,418	4,121,838	3,032,275	252,758	185,172	7,583,878	7,047,825	13,512,344	15,329,848
Pacific.....	74,127,412	45,418,860	44,357,695	13,037,335	1,747,827	1,632,691	14,025,818	14,947,413	12,400,159	14,584,179
<b>NEW ENGLAND:</b>										
Maine.....	1,738,566	2,666,112	120	60	212,340	274,500	522,335	1,219,508	964,360	1,124,138
New Hampshire.....	1,104,670	1,404,527					298,236	533,179	686,351	819,300
Vermont.....	520,757	698,614				2,220		192,216	410,944	485,263
Massachusetts.....	8,169,471	10,837,244	560	19,480	671,622	1,122,411	3,268,515	4,824,900	3,215,087	4,214,837
Rhode Island.....	1,343,893	1,706,664					593,264	869,475	679,732	775,740
Connecticut.....	2,950,500	4,121,637	150,894	77,990			936,931	1,808,454	1,704,769	2,051,447
<b>MIDDLE ATLANTIC:</b>										
New York.....	38,632,633	42,403,401	1,154,660	550,415	4,477,552	4,154,477	14,655,230	16,870,339	15,545,961	17,985,497
New Jersey.....	11,465,241	11,048,547	3,908,392	2,392,913	194,100	116,350	2,512,920	2,932,385	4,474,511	5,247,190
Pennsylvania.....	32,281,572	42,469,960	141,189	114,502	8,106,804	15,482,123	10,931,875	12,183,165	12,058,210	13,568,657
<b>EAST NORTH CENTRAL:</b>										
Illinois.....	15,734,428	15,802,826	601,325	673,589	816,764	435,356	9,176,053	9,102,891	4,270,936	4,832,769
Indiana.....	8,982,545	9,574,916	2,467,781	1,445,446	71,193	56,943	3,464,445	4,286,683	2,705,809	3,545,213
Ohio.....	22,910,947	24,306,932	242,407	97,441	2,830,939	2,114,091	10,467,923	12,414,689	8,578,939	9,989,839
Michigan.....	6,612,737	7,506,328	109,581	6,000	24,000		2,615,933	3,371,569	3,237,023	3,499,240
Wisconsin.....	4,777,538	4,627,698	1,740	1,000	111,150	69,600	2,456,291	2,013,954	2,072,382	2,409,291
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	7,079,360	10,408,570	305	386	154,468	443,520	4,036,228	6,576,980	2,708,383	3,195,658
Iowa.....	8,821,218	10,330,749	203,549	851,862	709,136	112,750	3,891,145	5,155,723	3,729,858	3,946,577
Missouri.....	19,311,001	18,260,419	2,213,575	167,498	3,801,911	538,101	7,270,116	9,817,989	5,553,393	7,282,148
North Dakota.....	1,403,009	2,347,564					220,365	751,328	1,166,257	1,576,087
South Dakota.....	1,816,570	2,234,283					644,781	646,778	1,144,504	1,256,951
Nebraska.....	5,950,901	5,527,408	11,297		74,244	45,022	2,804,210	2,546,798	2,961,543	2,858,078
Kansas.....	8,438,549	9,390,943	23,880		235,845	301,404	4,022,833	4,052,360	4,034,324	4,128,765
<b>SOUTH ATLANTIC:</b>										
Delaware.....	5,500,095	4,357,127	5,025,458	2,817,498	19,635		186,328	835,353	233,183	226,669
Maryland.....	36,459,002	16,922,278	24,625,844	9,983,275	4,894,939	1,807,346	3,638,231	2,461,330	2,880,115	2,289,765
District of Columbia.....	1,538,854	1,857,217	36,000				769,571	1,073,848	568,809	666,666
Virginia.....	11,997,325	7,599,698	5,282,082	1,712,470	200		3,601,341	3,362,514	2,864,101	2,392,602
West Virginia.....	7,489,968	7,403,207	62,927	19,026	58,200	20,000	3,640,376	3,822,452	3,596,475	3,420,562
North Carolina.....	3,377,593	2,237,119	6,790				2,040,313	1,085,951	1,225,311	1,067,394
South Carolina.....	3,507,682	3,195,223	4,258	1,028	253,863	18,096	1,821,462	1,757,395	1,307,298	1,391,397
Georgia.....	6,548,663	5,440,182	1,150	1,200	27,108	56,364	4,181,996	3,376,926	2,254,748	1,949,441
Florida.....	5,808,427	4,056,215					4,304,136	2,665,555	1,366,218	1,250,290
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	4,578,035	4,563,709	197,150	23,400	31,350	3,937	2,167,730	2,390,296	2,038,080	2,070,914
Tennessee.....	5,945,716	4,880,787	428,731	28,400	19,731		3,622,105	3,220,854	1,768,056	1,548,430
Alabama.....	5,072,547	5,264,034	1,500		244,350	314,482	3,349,579	3,669,411	1,435,305	1,247,743
Mississippi.....	3,641,140	2,289,937		150			1,477,868	1,535,446	1,473,723	728,245
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	4,388,023	3,631,784	566,236		46,560		2,389,070	2,581,361	1,268,812	1,003,346
Louisiana.....	9,073,875	7,361,562	443	1,737	103,550	163,461	6,047,783	4,391,442	2,838,761	2,708,607
Oklahoma.....	1,777,246	6,562,476			121,416	108,915	3,090,383	3,931,199	2,521,401	2,449,084
Texas.....	17,311,414	18,958,761			249,378	427,922	10,213,838	11,598,764	6,735,218	6,762,453
<b>MOUNTAIN:</b>										
Montana.....	4,999,567	4,894,346					2,034,526	1,550,840	2,897,688	3,257,464
Idaho.....	2,491,174	2,552,908	19,883		27,750	10,000	585,209	611,129	1,838,452	1,913,839
Wyoming.....	1,808,820	1,880,106					349,083	287,019	1,518,180	1,288,920
Colorado.....	8,358,807	7,648,128	1,438,222	856,036	173,192	144,385	2,884,809	2,168,431	3,686,235	4,294,574
New Mexico.....	1,436,041	1,979,819	51,243	8,550	25,704	10,668	606,339	917,610	730,861	1,023,971
Arizona.....	801,258	1,808,792					139,090	318,779	635,890	925,234
Utah.....	4,982,798	4,002,501	2,612,490	2,167,689	18,800	16,000	940,344	1,075,257	1,317,845	1,293,556
Nevada.....	960,790	1,474,818			7,312	4,119	44,478	118,769	892,184	1,332,200
<b>PACIFIC:</b>										
Washington.....	5,180,901	7,174,157	25,655	4,411	61,598	20,168	1,975,175	3,313,713	2,909,586	3,567,807
Oregon.....	1,394,050	3,862,220	119,429	508	31,370	25,400	1,207,300	1,303,159	1,977,116	2,435,378
California.....	65,552,461	34,382,483	44,212,611	13,032,416	1,654,859	1,587,123	10,843,543	10,303,545	7,513,457	8,582,994

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 13,679,788 pounds; for 1917, 13,534,965 pounds.

## COMMERCIAL STOCKS OF CANNED CORN.

The stocks of canned corn in commercial channels, as reported in the Food Survey of January 1, 1918, amounted to 283,644,475 pounds. The bulk of these stocks were reported by wholesale and retail dealers, the former reporting 35.1 per cent of the total and the latter 40.7 per cent. The canners reported only 13.3 per cent of the total, and the warehouses 5.3 per cent. The remainder, amounting to 5.6 per cent, was reported by a miscellaneous group of firms. The stocks reported by each class of business concerns and by certain subdivisions of the wholesale and retail classes, are shown in the first column of Table 21, while the relative quantities reported by the several classes are represented graphically in Diagram 21.

The number of firms reporting canned corn is shown, by classes of business, in Table 22.

Table 21.—Stocks of canned corn reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
<b>Total</b> .....	<b>Pounds.</b> <b>283,644,475</b>	<b>Pounds.</b> <b>224,753,550</b>	<b>98.4</b>	<b>Pounds.</b> <b>228,319,285</b>
Canners.....	37,603,148	32,768,662	188.6	17,372,328
Warehouses.....	14,988,982	9,263,506	151.2	6,127,931
Wholesale dealers.....	99,617,980	89,606,144	87.6	102,252,628
Wholesale grocers.....	87,891,105	81,180,517	83.0	97,752,295
Other wholesale dealers.....	11,726,875	8,425,627	187.2	4,500,333
Retail dealers.....	115,597,642	88,867,218	90.1	98,581,971
Retail grocers.....	71,210,796	53,551,714	88.1	60,758,950
General stores.....	42,988,997	34,480,137	93.0	37,077,323
Other retail dealers.....	1,397,849	835,367	112.0	745,698
Miscellaneous*.....	15,836,723	4,258,020	106.9	3,984,427

\*The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

DIAGRAM 21.—DISTRIBUTION OF TOTAL STOCKS OF CANNED CORN REPORTED FOR JANUARY 1, 1918.

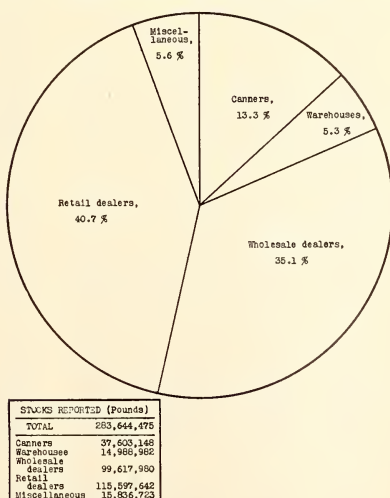


Table 22.—Number of firms reporting canned corn, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
<b>Total</b> .....	<b>208,087</b>	<b>149,712</b>
Canners.....	417	310
Warehouses.....	229	141
Wholesale dealers.....	5,156	4,211
Wholesale grocers.....	3,810	3,363
Other wholesale dealers.....	1,346	848
Retail dealers.....	187,659	135,561
Retail grocers.....	110,950	78,926
General stores.....	70,003	52,853
Other retail dealers.....	6,706	3,782
Miscellaneous.....	14,626	9,489

## Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of canned corn reported in the Survey is given in detail in Table 23. The East North Central division ranked first in stocks reported, the West North Central division second, and the Middle Atlantic division third. Among the individual states, Illinois outranked all others by a considerable margin, while Pennsylvania came second, Ohio third, and Iowa fourth. In the case of Illinois the stocks reported were held by canners, wholesale dealers and retail dealers in approximately equal amounts. In the case of Pennsylvania and Ohio the stocks were held largely by wholesalers and retailers, while in the case of Iowa the canners held nearly one-half of the total reported. The stocks reported for the different geographic divisions are shown graphically in Diagram 22, and those reported for the eighteen most important states are shown in similar form in Diagram 23.

DIAGRAM 22.—STOCKS OF CANNED CORN REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

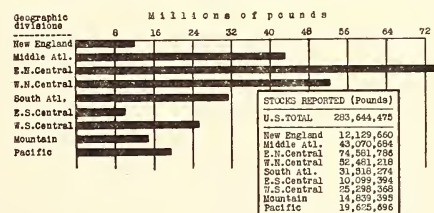
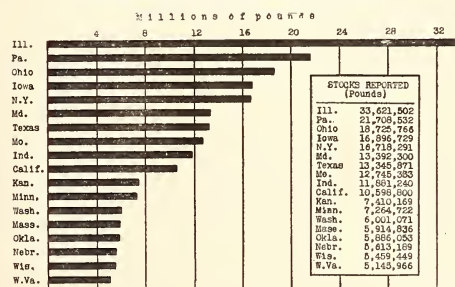


DIAGRAM 23.—STOCKS OF CANNED CORN REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



## Comparative Figures for 1918 and 1917.

About four-fifths of the reports received, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are shown, by classes of business, in the last three columns of Table 21, and also by geographic divisions and states in Table 24. These figures indicate that the stocks of canned corn on the date of the Survey were slightly smaller than those of a year earlier. The wholesale dealers reported stocks for the date of the Survey equal to only 87.6 per cent of those held by them one year earlier, and the retail dealers reported stocks equivalent to 90.1 per cent of the stocks held on the earlier date. The canners and the warehouses, on the other hand, reported material increases. The total stocks on the date of the Survey were equivalent to only 98.4 per cent of the stocks on January 1, 1917. The comparative stocks on the two dates are represented graphically, for the more important classes of firms, in Diagram 24.

DIAGRAM 24.—STOCKS OF CANNED CORN REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

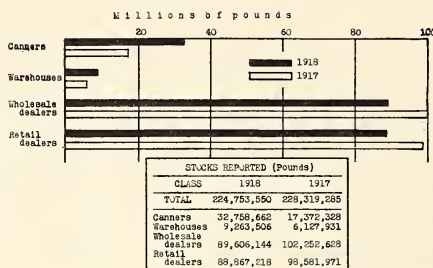


Table 23.—Stocks of canned corn reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Cannery.	Warehouses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States	283,644,475	37,603,148	14,968,982	99,617,980	87,891,105	11,726,875	115,597,642	71,210,796	42,938,997	1,397,845	15,836,723
GEOGRAPHIC DIVISIONS:											
New England	12,129,660	525,335	823,010	4,279,052	3,578,730	700,322	5,157,728	4,197,713	733,074	226,941	1,344,535
Middle Atlantic	43,070,654	2,699,893	5,702,472	15,454,382	14,065,804	1,388,778	17,791,252	12,755,578	4,731,497	304,177	1,422,485
East North Central	74,581,786	15,944,432	3,423,310	26,067,457	21,408,747	4,658,510	26,592,155	18,598,281	7,518,702	485,076	2,554,023
West North Central	52,481,218	10,335,090	1,576,947	16,505,601	15,146,338	1,359,263	22,920,590	11,868,608	10,825,491	226,491	1,142,960
South Atlantic	31,518,274	6,860,563	2,330,785	8,173,450	6,917,308	1,256,151	8,619,917	4,557,870	3,999,324	62,723	5,533,550
East South Central	10,099,394	5,450	134,574	5,436,635	5,011,259	335,376	4,315,612	2,503,748	1,735,614	16,250	207,123
West South Central	25,298,368	788,825	349,273	10,560,819	9,785,435	775,384	11,360,513	6,968,167	4,361,127	31,219	2,238,938
Mountain	14,830,365	—	75,370	5,562,613	4,995,741	566,878	8,948,304	3,598,737	5,200,437	28,570	253,093
Pacific	19,623,696	443,560	573,223	7,577,956	6,951,743	626,213	9,891,571	6,102,037	3,773,141	16,393	1,139,386
NEW ENGLAND:											
Maine	2,397,111	243,902	180,151	1,120,373	997,112	123,491	795,115	563,617	216,498	14,970	57,370
New Hampshire	732,224	23,733	—	191,061	155,952	35,619	353,796	108,635	6,950	—	47,386
Vermont	593,934	254,190	1,256	70,477	58,439	12,038	242,829	125,718	106,935	10,176	25,182
Massachusetts	5,914,836	3,510	530,528	1,970,387	1,662,711	307,676	2,298,869	2,038,517	199,877	60,475	1,111,542
Rhode Island	963,231	—	111,075	433,957	303,426	130,531	404,947	378,590	22,279	4,078	13,252
Connecticut	1,529,324	—	—	492,054	401,087	90,967	946,567	737,445	78,830	130,292	89,703
MIDDLE ATLANTIC:											
New York	16,718,291	1,518,807	2,976,668	5,383,120	4,605,785	783,335	6,167,279	4,977,464	1,081,090	108,725	666,417
New Jersey	4,643,861	400	280,550	1,430,950	1,375,391	55,559	2,178,781	1,849,386	281,085	48,310	213,180
Pennsylvania	21,708,532	1,180,686	1,905,254	8,634,512	8,084,628	549,884	9,445,192	5,928,728	3,369,322	147,142	542,888
EAST NORTH CENTRAL:											
Ohio	18,728,766	2,121,184	288,290	8,320,363	8,106,156	214,207	7,521,288	5,943,831	1,524,105	53,352	474,641
Indiana	11,881,240	3,206,831	326,670	4,303,630	4,245,590	64,040	3,897,572	2,892,387	973,848	31,337	140,537
Illinois	33,621,502	9,785,780	2,638,421	9,675,568	8,806,490	869,078	9,882,206	6,160,890	3,625,876	95,440	1,579,527
Wisconsin	4,536,820	—	10,000	1,837,166	1,625,216	212,270	2,728,616	1,915,188	554,288	249,146	265,903
Wisconsin	5,459,449	777,819	90,938	1,924,210	1,625,295	298,915	2,572,467	1,685,991	880,673	55,801	94,015
WEST NORTH CENTRAL:											
Minnesota	7,264,722	1,242,353	481,685	2,847,102	2,468,346	378,756	2,532,219	1,328,743	1,181,499	41,977	141,363
Michigan	16,896,723	8,238,101	4,740	3,317,360	3,107,900	209,460	4,963,826	2,549,679	2,372,336	41,811	352,698
Missouri	12,745,333	44,105	786,044	5,254,344	4,985,652	268,692	6,367,666	4,289,371	1,993,171	85,124	293,174
North Dakota	1,055,686	—	—	333,894	293,874	40,020	708,682	146,527	558,015	4,140	16,110
South Dakota	1,492,390	63,000	—	356,511	343,556	12,955	1,050,917	240,151	804,145	6,621	21,962
Nebraska	5,613,189	727,527	141,162	1,666,720	1,508,030	158,690	3,004,221	1,132,921	1,838,713	32,587	73,552
Kansas	7,410,169	—	163,516	2,729,670	2,438,980	290,690	4,273,059	2,181,216	2,077,612	14,231	244,124
SOUTH ATLANTIC:											
Delaware	812,068	395,882	—	67,353	65,469	1,884	217,212	178,779	25,750	12,683	131,621
Maryland	13,392,360	6,309,625	—	1,201,664	834,478	366,686	1,357,008	988,808	348,005	20,195	2,297,075
District of Columbia	4,302,731	—	123,468	307,858	274,000	32,949	400,115	389,679	—	1,117	39,372
Virginia	3,249,176	15,709	776	301,116	1,205,937	95,179	1,836,314	920,278	908,773	7,263	95,261
West Virginia	5,145,966	49,047	20,000	2,487,651	2,291,593	196,058	2,525,690	798,808	1,716,418	10,464	63,575
North Carolina	1,716,306	—	—	818,212	744,219	73,993	865,886	379,786	483,271	2,829	32,208
South Carolina	696,280	220	35,461	241,532	216,632	24,900	356,500	143,773	211,736	991	32,544
Georgia	4,284,774	—	14,752	882,531	580,340	302,191	610,683	452,793	152,123	5,775	2,781,808
Florida	1,375,591	80	—	865,522	703,231	162,291	450,509	305,166	144,437	906	59,480
EAST SOUTH CENTRAL:											
Kentucky	4,252,533	—	79,770	2,151,269	2,065,281	85,988	1,975,056	1,224,942	744,430	8,774	46,438
Tennessee	3,108,364	5,250	—	1,768,058	1,556,345	211,713	1,269,950	825,557	441,212	71,381	54,926
Alabama	1,695,779	—	44,124	905,394	864,546	40,848	693,844	328,514	364,035	1,295	52,417
Mississippi	1,042,218	200	—	611,914	555,087	56,827	376,762	184,935	189,027	2,800	53,342
WEST SOUTH CENTRAL:											
Louisiana	3,824,460	788,825	16,890	2,351,993	1,198,631	153,362	1,642,980	1,062,544	576,611	3,825	23,862
Oklahoma	2,241,984	—	25,610	1,021,071	924,125	96,946	965,332	512,334	422,427	571	229,971
Oklahoma	5,886,053	—	53,457	2,329,638	2,232,036	97,602	3,295,569	1,943,452	1,324,726	17,391	207,389
Texas	13,345,871	—	253,406	5,858,117	5,430,643	427,474	5,456,623	3,419,837	2,037,363	9,432	1,777,716
MOUNTAIN:											
Montana	2,883,734	—	750	1,321,233	1,108,486	212,747	1,516,373	562,635	945,726	6,372	47,018
Idaho	1,968,972	—	37,629	621,589	561,396	60,193	1,300,117	460,438	836,659	3,020	9,637
Wyoming	1,165,624	—	—	189,165	189,165	—	968,918	217,187	748,900	2,831	7,541
Colorado	4,431,262	—	31,870	1,688,436	1,421,412	267,024	2,653,330	1,479,616	1,165,591	8,123	57,635
New Mexico	1,117,882	—	4,500	409,367	401,007	8,360	159,827	159,827	402,063	1,261	79,095
Arizona	1,149,271	—	—	395,795	356,050	9,715	724,883	263,969	459,837	577	29,096
Utah	1,624,490	—	—	893,323	884,484	8,839	716,652	315,374	394,923	6,355	14,515
Nevada	498,156	—	630	43,711	43,711	—	446,120	139,742	306,338	40	7,095
PACIFIC:											
Washington	6,001,071	436,975	12,082	2,233,080	1,725,756	507,324	2,595,023	1,401,328	1,188,860	4,835	723,911
Oregon	3,025,825	4,113	68,100	1,145,819	1,094,817	51,002	1,748,759	844,068	902,098	2,593	59,034
California	10,598,800	2,472	493,041	4,199,057	4,131,170	67,887	5,547,789	3,856,641	1,682,183	8,965	356,441

Table 24.—Comparative figures for canned corn, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
<b>United States</b>	<b>Pounds. 224,753,550</b>	<b>Pounds. 228,319,285</b>	<b>Pounds. 32,758,962</b>	<b>Pounds. 17,372,328</b>	<b>Pounds. 9,263,536</b>	<b>Pounds. 6,127,931</b>	<b>Pounds. 89,605,144</b>	<b>Pounds. 102,252,628</b>	<b>Pounds. 88,867,218</b>	<b>Pounds. 98,581,971</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England	9,380,253	11,648,166	596,735	684,210	450,880	631,079	3,840,794	4,733,847	3,969,792	4,912,344
Middle Atlantic	32,620,694	36,764,451	2,449,613	1,532,646	2,877,783	2,256,008	12,865,789	15,532,634	13,619,333	16,438,242
East North Central	62,730,756	57,129,491	14,338,823	7,731,364	2,323,203	1,839,872	23,604,334	24,249,394	20,604,810	22,358,901
West North Central	44,383,392	45,416,093	8,761,620	4,384,526	1,358,424	396,073	15,692,349	19,534,637	17,976,412	20,495,798
South Atlantic	20,981,183	17,644,535	5,879,809	2,943,823	1,330,336	162,262	7,083,134	8,371,695	6,330,804	5,899,114
East South Central	8,028,165	9,450,951	550	2,198	72,874	25,617	4,677,718	6,065,372	3,293,323	3,293,756
West South Central	15,172,172	20,235,816	—	—	275,146	237,372	9,645,225	10,662,375	8,128,978	9,275,920
Mountain	12,156,512	12,045,195	—	—	29,700	24,552	4,908,785	4,476,957	7,081,317	7,384,943
Pacific	16,390,363	17,954,734	436,512	123,561	345,070	505,096	7,287,416	8,569,697	7,946,443	8,523,353
<b>NEW ENGLAND:</b>										
Maine	2,152,236	2,537,052	228,752	298,528	180,151	265,398	1,053,668	1,143,494	643,689	772,124
New Hampshire	615,950	734,300	23,733	5,262	—	—	187,380	313,092	363,848	402,390
Vermont	530,258	719,128	254,190	325,560	1,256	1,814	65,465	119,988	199,040	259,117
Massachusetts	4,133,818	5,325,325	60	4,860	269,473	423,867	1,757,441	2,207,264	1,678,120	2,259,174
Rhode Island	707,857	761,627	—	—	—	—	370,190	389,134	327,582	359,351
Connecticut	1,233,834	1,565,674	—	59,000	—	—	499,650	561,945	757,522	860,188
<b>MIDDLE ATLANTIC:</b>										
New York	12,512,323	15,295,317	1,129,667	1,096,631	1,106,053	1,094,687	4,733,239	6,505,054	5,023,580	6,120,537
New Jersey	2,882,105	3,355,759	400	359	5,450	16,560	1,123,169	1,236,361	1,614,825	1,976,135
Pennsylvania	17,226,266	18,113,375	1,110,546	405,695	1,769,289	1,144,851	7,007,181	7,851,189	6,980,934	8,341,510
<b>EAST NORTH CENTRAL:</b>										
Ohio	15,391,754	14,610,500	1,824,362	385,745	190,790	157,180	7,676,818	8,166,114	5,278,290	5,610,362
Indiana	10,543,555	10,043,908	2,991,839	856,605	59,940	66,000	4,246,498	4,696,684	3,125,772	4,231,127
Illinois	28,037,746	24,403,452	9,363,905	6,098,104	2,188,735	1,604,032	8,163,932	7,813,168	8,061,955	8,654,283
Michigan	3,860,072	4,018,779	50,648	46,790	1,800	—	1,064,897	1,714,847	1,944,580	2,055,552
Wisconsin	4,857,659	4,032,852	708,060	344,129	78,938	12,660	1,852,789	1,888,491	2,194,207	1,776,377
<b>WEST NORTH CENTRAL:</b>										
Minnesota	5,514,028	6,063,197	443,113	4,411	380,382	282,960	2,583,160	3,286,891	2,016,498	2,405,680
Iowa	15,565,354	12,750,247	8,091,452	4,184,630	309	31,080	3,287,299	3,955,623	4,079,232	4,390,346
Missouri	10,518,154	12,876,849	—	81,360	741,652	76,843	5,903,611	6,281,348	4,608,416	6,332,856
North Dakota	931,545	1,249,349	—	27,000	—	—	339,530	456,831	591,011	755,103
South Dakota	1,267,029	1,337,928	63,000	—	—	—	338,291	486,781	848,735	833,489
Nebraska	4,451,835	4,381,129	—	87,125	72,774	—	1,628,770	1,884,902	2,442,114	2,364,991
Kansas	6,135,447	6,757,394	257,055	—	163,316	5,199	2,520,688	3,182,291	3,390,493	3,413,124
<b>SOUTH ATLANTIC:</b>										
Delaware	600,435	262,888	395,882	85,034	—	—	53,233	50,476	146,649	141,400
Maryland	8,837,255	4,757,783	5,464,822	2,843,105	1,313,310	116,418	875,353	716,784	1,058,206	1,005,529
District of Columbia	613,472	746,696	—	—	—	—	267,926	553,996	316,099	364,482
Virginia	2,592,012	2,906,935	4,322	689	—	—	1,203,685	1,740,075	1,314,202	1,105,721
West Virginia	4,270,136	4,016,517	5,703	14,955	—	—	2,298,672	2,332,296	1,931,913	1,645,998
North Carolina	1,314,298	1,533,964	—	—	—	—	701,775	916,444	589,793	598,740
South Carolina	445,728	557,965	—	—	13,464	23,756	192,680	280,503	293,548	243,776
Georgia	1,149,116	1,267,813	—	—	3,562	22,988	668,628	761,608	449,296	457,405
Florida	1,158,751	1,575,074	80	40	—	—	819,232	1,219,423	315,278	395,963
<b>EAST SOUTH CENTRAL:</b>										
Kentucky	3,338,224	3,753,549	—	—	18,250	1,950	1,828,605	2,210,683	1,463,267	1,514,062
Tennessee	2,380,679	3,259,249	550	2,198	10,500	—	1,399,267	2,224,082	946,029	1,004,664
Alabama	1,432,533	1,452,164	—	—	44,124	23,667	863,439	935,487	512,907	512,564
Mississippi	876,739	955,962	—	—	—	—	586,407	688,320	287,120	262,466
<b>WEST SOUTH CENTRAL:</b>										
Arkansas	2,033,073	2,236,514	—	—	16,800	—	1,275,266	1,562,497	726,832	661,599
Louisiana	1,622,701	2,170,286	—	—	2,860	200	868,516	1,124,496	722,773	1,022,694
Oklahoma	4,549,637	5,371,824	—	—	35,239	24,460	2,172,304	2,349,714	2,310,822	2,971,827
Texas	9,966,761	10,487,192	—	—	220,256	292,712	5,329,139	5,625,674	4,368,551	4,619,830
<b>MOUNTAIN:</b>										
Montana	2,458,324	2,480,140	—	—	—	—	1,208,515	884,169	1,213,269	1,537,004
Idaho	1,579,289	1,634,396	—	—	—	—	542,333	555,456	1,029,927	1,068,976
Wyoming	986,556	930,287	—	—	—	—	189,165	210,865	793,452	716,759
Colorado	3,767,662	3,253,805	—	—	24,660	17,472	1,587,259	1,272,140	2,110,861	1,926,969
New Mexico	888,372	904,100	—	—	4,500	3,600	493,357	334,381	468,046	557,947
Arizona	836,747	1,066,968	—	—	—	—	298,047	404,076	322,375	575,863
Utah	1,211,410	1,292,931	—	—	—	—	646,218	731,121	554,582	549,766
Nevada	428,131	482,568	—	—	630	3,480	33,691	44,849	388,805	431,059
<b>PACIFIC:</b>										
Washington	4,696,323	4,914,713	433,500	113,955	12,082	8,154	2,136,049	2,546,534	2,046,544	2,179,924
Oregon	2,546,800	2,831,610	2,321	1,638	37,350	133,830	1,101,939	1,222,233	1,363,897	1,449,173
California	9,054,240	10,208,411	691	7,968	295,638	363,022	4,049,428	4,800,930	4,533,702	4,894,456

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 4,258,020 pounds; for 1917, 3,984,427 pounds.

## COMMERCIAL STOCKS OF CANNED PEAS.

The stocks of canned peas in commercial channels, as reported in the War Emergency Food Survey of January 1, 1918, amounted to 244,089,850 pounds. Of these stocks the wholesale dealers and the retail dealers each held nearly two-fifths. The canners held only 9.5 per cent of the total, and the warehouses 5.6 per cent. The remainder, amounting to 7.0 per cent, was held by a miscellaneous group of firms. The stocks reported are given, for each of the classes and subclasses of business concerns, in the first column of Table 25, while the relative quantities reported by the different classes are shown graphically in Diagram 25.

The number of schedules received and tabulated for canned peas is shown, by classes of business, in Table 26.

Table 25.—Stocks of canned peas reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds.	Pounds.		Pounds.
	244,089,850	194,506,998	92.9	209,333,326
Canners	23,333,678	20,865,473	87.1	23,956,284
Warehouses	13,575,784	9,862,636	149.6	6,594,019
Wholesale dealers	96,942,939	86,948,821	87.9	98,952,684
Wholesale grocers	85,708,623	78,509,161	84.4	93,074,800
Other wholesale dealers	11,234,316	8,439,660	143.6	5,877,884
Retail dealers	93,144,215	71,581,446	95.5	74,958,703
Retail grocers	63,377,135	48,948,545	94.5	53,523,922
General stores	28,584,786	21,866,064	105.8	20,668,908
Other retail dealers	1,182,294	766,837	100.1	765,873
Miscellaneous*	17,093,234	5,248,622	107.7	4,871,636

\*The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

Diagram 25.—Distribution of Total Stocks of Canned Peas Reported for January 1, 1918.

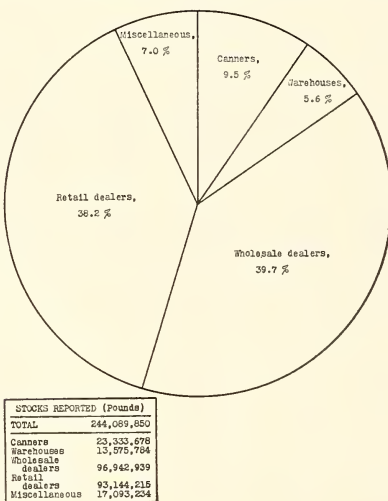


Table 26.—Number of firms reporting canned peas, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	203,106	144,201
Canners	302	258
Warehouses	207	124
Wholesale dealers	5,513	4,456
Wholesale grocers	3,865	3,362
Other wholesale dealers	1,648	1,094
Retail dealers	182,485	129,979
Retail grocers	113,405	79,779
General stores	62,194	46,320
Other retail dealers	6,886	3,880
Miscellaneous	14,599	9,384

## Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of canned peas among the geographic divisions and states on the date of the Survey is shown in Table 27. The East North Central division ranked first in stocks reported, the Middle Atlantic division second, the West North Central division third, and the South Atlantic fourth. Among the individual states, New York ranked first, Illinois second, Pennsylvania third, Ohio fourth, Wisconsin fifth, and Missouri sixth. The stocks reported for the different geographic divisions are represented graphically in Diagram 26, and those reported for the eighteen most important states are shown in similar form in Diagram 27.

Diagram 26.—Stocks of Canned Peas Reported for January 1, 1918, by Geographic Divisions.

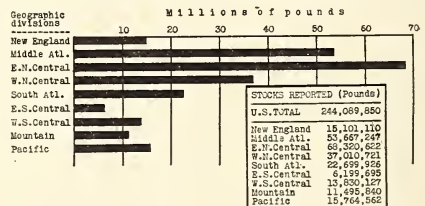
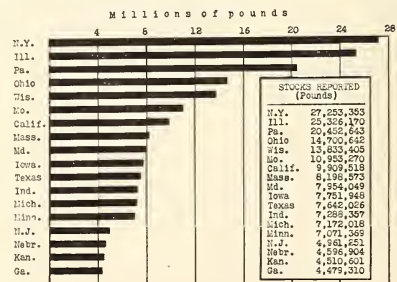


Diagram 27.—Stocks of Canned Peas Reported for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

Nearly four-fifths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 25, and also by geographic divisions and states in Table 28. Only the warehouses and the miscellaneous group of dealers reported increased stocks for the date of the Survey as compared with the earlier date. In the case of the warehouses this increase amounted to 49.6 per cent. The more important holders of canned peas, namely, the wholesale dealers, the retail dealers and the cannery, on the other hand, reported decreased stocks. The total stocks on the date of the Survey were equivalent to 92.9 per cent of the stocks on January 1, 1917. The relative importance of the stocks held on the two dates by each of the more important classes of business concerns is indicated by Diagram 28.

DIAGRAM 28.—STOCKS OF CANNED PEAS REPORTED FOR JANUARY 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

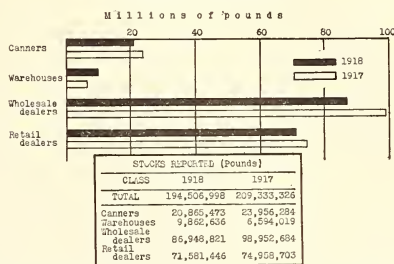


Table 27.—Stocks of canned peas reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	WHOLESALE DEALERS.					RETAIL DEALERS.					Miscella- neous.
		Cannery.	Ware- houses.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.			
United States .....	Pounds. 244,089,850	Pounds. 23,333,678	Pounds. 13,575,784	Pounds. 96,942,939	Pounds. 85,708,623	Pounds. 11,234,316	Pounds. 93,144,215	Pounds. 63,377,135	Pounds. 28,584,786	Pounds. 1,182,294	Pounds. 17,093,234	
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	15,101,110	34,876	450,168	6,125,331	4,906,369	1,218,962	6,865,794	5,891,981	786,178	187,635	1,624,941	
Middle Atlantic.....	53,667,247	5,585,463	5,522,424	20,261,319	18,151,247	2,110,072	20,369,108	15,558,663	4,415,908	394,537	1,928,933	
East North Central.....	68,320,622	12,170,791	3,404,713	24,799,219	22,061,062	2,738,157	23,658,414	17,572,975	5,778,536	306,903	4,287,485	
South Atlantic.....	37,010,721	302,219	1,313,060	17,849,636	16,005,961	1,843,675	16,221,074	9,938,274	7,097,748	185,052	1,524,732	
East South Central.....	22,699,926	2,077,439	1,838,184	7,117,068	5,892,251	1,225,357	6,509,124	3,831,758	2,629,031	48,335	5,157,571	
West North Central.....	13,890,127	11,801	150,888	3,431,990	3,064,759	367,231	3,432,299	1,800,727	1,631,002	10,570	180,717	
Mountain.....	13,830,127	13,144	274,139	7,419,960	6,312,194	1,107,766	4,604,168	3,154,374	1,434,542	15,252	1,518,696	
Pacific.....	11,495,840	1,551,345	52,346	3,959,108	3,482,394	476,714	5,703,888	2,348,578	3,333,471	21,839	229,153	
	15,764,562	1,586,600	569,842	5,978,768	5,832,386	146,382	6,788,346	4,279,805	2,496,370	12,171	841,006	
<b>NEW ENGLAND:</b>												
Maine.....	1,723,356	-----	1,025	846,699	746,187	100,512	754,771	568,444	170,639	15,688	120,861	
New Hampshire.....	894,717	3,497	-----	385,181	328,018	57,163	449,865	325,353	114,787	9,725	56,174	
Vermont.....	399,964	-----	5,828	117,375	92,201	25,174	251,463	149,386	89,721	12,356	25,298	
Massachusetts.....	8,198,573	7,610	333,378	3,148,190	2,529,697	618,493	3,423,486	3,057,079	279,222	87,185	1,285,909	
Rhode Island.....	1,772,198	-----	109,937	875,246	634,704	240,542	757,233	712,962	36,207	8,064	29,782	
Connecticut.....	2,112,302	23,769	-----	752,640	575,562	177,078	1,228,976	1,078,757	95,602	54,617	106,917	
<b>MIDDLE ATLANTIC:</b>												
New York.....	27,253,353	5,361,999	3,223,142	9,374,910	8,414,039	960,871	8,266,801	6,874,302	1,240,366	152,133	1,026,501	
New Jersey.....	4,961,251	129,376	22,452	1,746,186	1,462,709	283,477	2,828,650	2,428,261	323,696	76,693	234,687	
Pennsylvania.....	20,452,643	94,088	2,276,830	8,140,223	8,274,499	865,724	9,273,657	6,256,100	2,851,846	165,711	607,945	
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	14,700,642	732,422	330,530	7,183,030	6,890,210	292,820	6,023,058	4,949,905	1,020,293	52,860	431,062	
Indiana.....	7,285,357	1,211,724	162,426	2,899,332	2,839,817	59,715	2,863,956	2,290,432	548,389	25,135	130,719	
Illinois.....	25,326,170	1,310,700	2,610,631	9,803,619	7,994,898	1,808,712	8,638,057	6,119,192	2,419,873	98,992	2,963,172	
Michigan.....	7,172,018	727,972	40,150	2,410,309	2,172,663	237,676	3,354,541	2,573,840	753,529	57,172	609,046	
Wisconsin.....	13,833,405	187,973	260,976	2,502,708	2,163,474	339,234	2,748,802	1,639,660	1,036,452	72,744	132,946	
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	7,071,369	113,999	222,539	4,014,202	3,282,843	731,359	2,529,468	1,506,983	977,553	44,932	191,161	
Iowa.....	7,751,948	34,800	81,126	4,288,972	3,973,356	315,616	3,199,615	1,826,363	1,335,702	37,550	147,435	
Missouri.....	10,953,270	34,800	819,198	4,329,745	4,128,551	201,194	5,188,079	3,292,057	1,829,034	66,988	616,248	
North Dakota.....	1,004,302	-----	310,104	234,315	75,789	678,169	176,450	497,791	49,791	3,928	16,029	
South Dakota.....	1,122,327	-----	429,322	388,158	381,158	41,164	677,723	182,345	488,441	6,937	15,282	
Nebraska.....	4,596,904	-----	97,122	2,422,501	2,304,835	117,666	1,899,993	823,575	1,062,249	14,169	177,288	
Kansas.....	4,510,601	153,420	93,075	2,054,790	1,693,903	360,887	2,048,027	1,130,501	906,978	10,548	161,289	
<b>SOUTH ATLANTIC:</b>												
Delaware.....	567,539	115,247	49,419	71,713	47,433	24,280	195,487	173,734	20,554	1,199	135,673	
Maryland.....	7,954,049	1,915,257	1,577,329	1,211,735	947,206	264,529	1,513,203	1,103,370	382,712	27,121	1,736,525	
District of Columbia.....	944,068	-----	107,531	353,846	294,415	59,431	411,653	405,003	4,887	2,263	70,078	
Virginia.....	2,878,885	40,661	35,432	1,126,400	973,662	152,738	1,592,319	648,827	938,276	5,216	84,073	
West Virginia.....	3,284,421	2,724	23,700	1,864,076	1,760,180	103,896	1,346,761	510,948	830,015	5,798	47,160	
North Carolina.....	792,228	3,400	368,513	281,497	87,016	383,057	232,107	149,059	1,891	37,258	-----	
South Carolina.....	530,581	-----	39,148	184,054	165,414	18,640	262,258	135,658	126,424	176	45,421	
Georgia.....	4,479,310	-----	5,565	1,117,250	673,822	443,428	419,285	338,435	76,885	3,965	2,937,210	
Florida.....	1,268,545	150	-----	820,021	748,622	71,399	385,101	283,676	100,719	706	63,273	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	2,978,536	-----	110,130	1,562,292	1,508,506	53,787	1,250,868	982,371	262,830	5,667	55,546	
Tennessee.....	1,744,978	11,751	19,430	1,045,890	813,086	232,804	632,701	514,497	117,710	2,494	35,286	
Alabama.....	965,232	-----	21,408	517,088	468,124	48,964	371,468	195,845	174,993	630	55,268	
Mississippi.....	510,649	50	-----	306,720	275,044	31,676	169,262	108,014	59,469	1,779	34,617	
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,088,677	-----	9,600	654,753	569,319	85,434	413,014	226,298	185,368	1,348	11,310	
Louisiana.....	2,437,544	63	32,835	1,423,346	998,524	424,822	798,956	631,556	167,118	282	182,344	
Oklahoma.....	2,661,880	-----	9,760	1,445,855	1,325,861	119,994	1,111,438	769,925	333,098	8,415	94,827	
Texas.....	7,612,026	13,081	221,964	3,896,006	3,418,490	477,516	2,280,760	1,526,595	748,958	5,207	1,230,215	
<b>MOUNTAIN:</b>												
Montana.....	2,172,555	1,170	6,400	1,034,637	815,098	219,539	1,078,029	436,482	636,197	5,350	52,319	
Idaho.....	1,040,775	-----	22,630	379,766	379,576	190	629,369	219,042	408,384	1,943	9,010	
Wyoming.....	781,860	-----	-----	162,051	162,051	-----	611,439	139,378	450,015	2,046	8,370	
Colorado.....	3,419,323	743,805	14,760	1,078,972	895,751	183,221	1,526,421	898,765	622,796	4,860	55,365	
New Mexico.....	554,208	-----	4,440	181,760	151,490	29,280	313,215	88,501	223,978	736	54,794	
Arizona.....	3,549,436	-----	-----	229,384	214,105	15,279	333,600	106,195	227,235	1,170	12,452	
Utah.....	2,442,981	806,370	756	847,259	818,594	28,665	757,711	319,684	431,331	6,696	30,885	
Nevada.....	508,701	-----	3,360	45,279	45,279	-----	454,104	120,531	333,535	38	5,958	
<b>PACIFIC:</b>												
Washington.....	3,685,303	9,340	26,993	1,459,091	1,420,373	38,718	1,844,937	987,840	854,011	3,106	345,122	
Oregon.....	2,169,541	582	22,924	989,976	978,375	11,601	1,111,613	432,237	678,121	1,255	44,446	
California.....	9,909,518	576,678	519,925	3,529,701	3,433,638	96,063	3,813,776	2,859,728	964,238	7,810	451,438	

Table 28.—Comparative figures for canned peas, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
<b>United States</b> .....	194,506,998	209,333,326	20,865,473	23,956,284	9,862,636	6,594,019	86,948,821	98,952,684	71,581,446	74,958,703
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	11,517,857	14,731,177	28,666	836,315	104,059	136,540	5,111,021	6,915,885	5,357,114	6,277,274
Maine.....	43,538,968	55,006,947	4,944,683	8,190,936	3,855,937	2,196,880	17,469,119	23,444,604	15,875,722	19,397,431
Middle Atlantic.....	57,197,629	56,318,681	11,691,748	10,569,530	2,913,981	2,316,721	22,698,498	24,390,567	18,565,173	17,064,713
East North Central.....	30,948,446	31,285,593	250,884	35,100	1,209,428	403,899	16,946,589	18,533,345	12,003,693	11,817,680
South Atlantic.....	13,420,788	14,736,151	1,047,543	2,459,046	1,096,405	505,496	6,007,741	6,956,820	4,858,132	4,500,342
East South Central.....	4,887,591	4,850,138	11,801	3,200	72,928	20,146	2,952,572	2,949,921	1,770,106	1,809,817
West South Central.....	10,526,593	10,558,577	63	141	234,316	124,744	6,828,218	7,105,197	3,365,775	3,238,893
Mountain.....	9,463,777	9,114,501	1,481,865	1,233,764	29,390	41,546	3,250,791	2,930,925	4,568,764	4,795,845
Pacific.....	13,005,349	12,731,561	1,408,220	628,252	346,192	648,047	5,684,272	5,725,420	5,216,957	5,456,699
<b>NEW ENGLAND:</b>										
Maine.....	1,478,186	1,684,336					746,846	961,553	622,117	645,163
New Hampshire.....	780,830	788,188	3,497	700			383,727	356,069	342,328	407,774
Vermont.....	328,659	417,220			5,828	13,318	103,644	157,948	206,544	234,161
Massachusetts.....	5,935,632	8,396,715	1,400	795,615	98,231	123,222	2,577,130	3,685,042	2,622,482	3,428,520
Rhode Island.....	1,373,723	1,140,253					728,973	669,754	620,607	448,300
Connecticut.....	1,620,827	2,304,465	23,769	40,000			570,701	1,085,519	943,036	1,113,356
<b>MIDDLE ATLANTIC:</b>										
New York.....	22,370,227	29,148,366	4,732,499	7,871,614	1,660,452	1,402,181	8,441,846	11,143,414	6,687,508	7,448,503
New Jersey.....	3,776,350	5,795,920	129,376	103,562		37,290	1,444,169	2,138,033	2,035,860	3,375,078
Pennsylvania.....	17,392,391	20,062,661	82,808	215,760	2,195,485	737,499	7,583,104	10,163,157	7,152,534	8,573,275
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	12,089,485	12,157,254	655,562	430,144	228,180	127,600	6,442,779	6,750,508	4,402,215	4,561,654
Indiana.....	6,272,745	6,126,874	1,106,777	865,145	54,276	40,000	2,823,541	2,888,445	2,166,777	2,217,498
Illinois.....	20,055,597	20,234,454	1,202,430	1,425,080	2,368,149	2,257,067	8,925,469	9,748,054	7,183,351	6,398,897
Michigan.....	5,836,540	5,686,981	685,542	426,768	2,400	23,976	2,154,745	2,579,827	2,610,752	2,360,523
Wisconsin.....	12,943,262	12,113,118	8,041,437	7,422,393	260,976	68,078	2,351,964	2,423,733	2,202,078	2,126,141
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	6,014,172	5,836,912	62,664	355	189,907	28,660	3,675,768	3,824,108	1,963,944	1,865,176
Iowa.....	7,112,898	6,695,469	34,800	8,995	81,126	19,000	4,248,904	3,945,009	2,633,832	2,573,836
Missouri.....	8,136,898	9,294,177			819,198	346,090	4,080,521	5,591,398	3,099,825	3,223,169
North Dakota.....	901,467	911,429					304,122	353,043	587,400	544,622
South Dakota.....	976,590	910,551					414,657	394,253	530,317	506,247
Nebraska.....	4,019,367	3,596,449			35,122	5,649	2,350,183	2,089,575	1,568,969*	1,461,422
Kansas.....	3,796,054	4,040,606	153,420	25,750	93,075	4,500	1,872,434	2,335,759	1,608,406	1,643,217
<b>SOUTH ATLANTIC:</b>										
Delaware.....	300,755	348,761	101,127	94,400			61,394	95,332	128,302	152,252
Maryland.....	4,165,072	5,148,736	908,086	2,273,366	1,070,119	455,712	931,428	1,127,308	1,130,545	1,177,674
District of Columbia.....	657,383	861,585					300,712	437,214	301,141	380,965
Virginia.....	2,372,861	1,981,275	40,456	86,340			997,924	1,021,480	1,279,192	823,136
West Virginia.....	2,849,215	3,223,106	2,724	4,842			1,764,930	2,260,561	1,054,662	938,498
North Carolina.....	564,001	604,100			21,636	17,544	283,624	318,915	252,347	260,472
South Carolina.....	394,557	371,652					168,437	161,125	156,622	183,298
Georgia.....	1,073,387	951,521			4,650	32,240	742,916	594,929	292,210	304,060
Florida.....	1,053,557	1,245,415	150	98			758,376	939,956	663,121	279,987
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	2,240,860	2,223,000			32,170	19,770	1,265,541	1,222,949	905,305	952,041
Tennessee.....	1,432,076	1,460,093	11,751	3,150	19,350		889,601	923,478	482,709	508,447
Alabama.....	802,017	796,607			21,408	376	513,196	561,957	256,674	225,270
Mississippi.....	412,638	370,438	50	50			284,234	241,537	125,418	124,059
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	895,304	1,031,734			9,600		612,818	771,609	263,724	252,037
Louisiana.....	1,963,157	1,591,432	63	141			1,332,088	1,004,135	594,450	550,435
Oklahoma.....	2,143,012	2,334,660			9,760	20,700	1,366,258	1,615,666	752,234	682,819
Texas.....	5,525,120	5,600,651			214,956	104,044	3,517,054	3,713,787	1,755,297	1,753,502
<b>MOUNTAIN:</b>										
Montana.....	1,747,706	1,751,477					819,497	732,218	892,015	985,446
Idaho.....	849,015	800,810		9,900	21,590	15,060	323,546	261,788	497,260	507,919
Wyoming.....	672,130	563,062					162,051	113,361	506,428	447,272
Colorado.....	2,968,796	2,777,140	717,945	608,024			990,386	856,178	1,214,452	1,263,642
New Mexico.....	409,089	436,503			4,440	8,480	151,283	175,831	246,841	265,205
Arizona.....	442,536	524,574					177,031	161,957	260,388	359,506
Utah.....	1,961,357	1,800,895	763,920	615,840			600,783	604,302	572,170	563,684
Nevada.....	413,138	440,040			3,360	8,250	26,214	25,285	379,210	403,171
<b>PACIFIC:</b>										
Washington.....	2,891,693	2,879,567	7,201	3,626			1,300,237	1,507,776	1,504,035	1,278,747
Oregon.....	1,629,479	1,570,021	582	99	16,250	2,000	965,135	879,009	612,496	649,733
California.....	8,484,177	8,281,973	1,400,437	624,527	329,942	646,047	3,418,900	3,338,635	3,100,426	3,528,219

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 5,248,622 pounds; for 1917, 4,871,636 pounds.

COMMERCIAL STOCKS OF CANNED  
BAKED BEANS.

The commercial stocks of canned baked beans reported in the War Emergency Food Survey of January 1, 1918, amounted to 111,266,374 pounds. Of this amount the retail dealers held slightly more than two-fifths and the wholesale dealers slightly less than this fraction. The canners held 9.6 per cent of the total, and the warehouses only 3.8 per cent. The remaining stocks, amounting to 3.2 per cent of the total, were held by a miscellaneous group of firms. The stocks reported by the several classes and subclasses of business concerns are given in the first column of Table 29, while the relative quantities reported by the different classes are shown graphically in Diagram 29.

The number of firms reporting canned baked beans is shown, by classes of business, in Table 30.

Table 29.—Stocks of canned baked beans reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 111,266,374	Pounds. 90,908,321	111.7	Pounds. 81,354,128
Canners.....	10,685,074	10,553,308	110.1	9,586,197
Warehouses.....	4,191,590	2,781,259	283.7	980,359
Wholesale dealers.....	43,924,196	37,829,436	138.0	27,408,167
Wholesale grocers.....	37,366,311	33,340,119	133.4	25,373,069
Other wholesale dealers.....	6,557,885	4,489,317	220.6	2,035,098
Retail dealers.....	48,891,935	37,459,626	91.6	40,876,330
Retail grocers.....	39,073,018	23,936,395	87.9	27,210,850
General stores.....	15,955,371	12,597,345	102.9	12,659,560
Other retail dealers.....	833,546	535,286	51.5	1,038,530
Miscellaneous.....	3,573,579	2,284,692	91.3	2,503,075

Diagram 29.—Distribution of Total Stocks of Canned Baked Beans Reported for January 1, 1918.

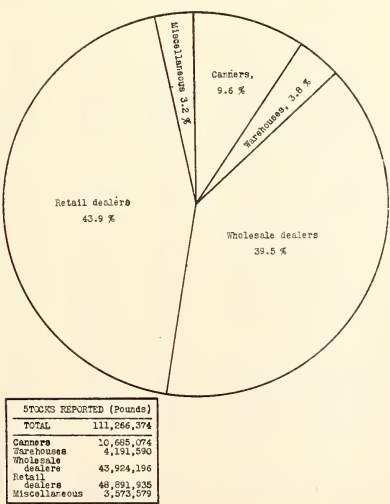


Table 30.—Number of firms reporting canned baked beans, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	194,124	137,450
Canners.....	129	107
Warehouses.....	137	76
Wholesale dealers.....	5,286	4,263
Wholesale grocers.....	3,737	3,295
Other wholesale dealers.....	1,549	1,058
Retail dealers.....	178,938	127,052
Retail grocers.....	109,935	77,052
General stores.....	62,008	56,047
Other retail dealers.....	6,995	3,953
Miscellaneous.....	9,634	5,952

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of canned baked beans on the date of the Survey is given in detail in Table 31. The states of the East North Central division, it may be noticed, reported nearly 28,000,000 pounds, or approximately one-fourth of the total for the entire country. The Middle Atlantic division ranked second in stocks reported, and the West North Central division third. Pennsylvania reported 11,441,590 pounds of this commodity—materially larger stocks than any other single state—while Illinois ranked second, and New York third. These two states each reported not far from 8,000,000 pounds, while the states of Indiana and Ohio, ranking fourth and fifth, respectively, each reported over 6,000,000 pounds. The stocks reported for each geographic division are represented graphically in Diagram 30, while Diagram 31 shows in similar form the stocks reported for the eighteen most important states.

Diagram 30.—Stocks of Canned Baked Beans Reported for January 1, 1918, by Geographic Divisions.

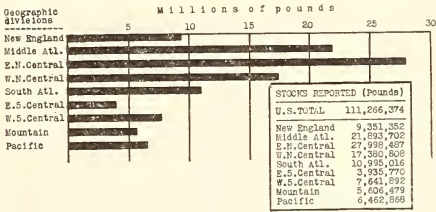
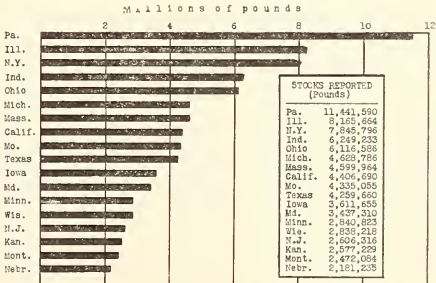


Diagram 31.—Stocks of Canned Baked Beans Reported for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

Nearly four-fifths of the reports for canned baked beans, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 29, and also by geographic divisions and states in Table 32. From these figures it may be seen that while the retail dealers and the miscellaneous group of concerns reported decreased stocks for the date of the Survey as compared with the earlier date, the other classes of firms reported materially larger stocks. The increase in the case of the warehouses, while less important quantitatively, was largest on a percentage basis, the warehouse stocks on the date of the Survey being nearly three times as large as those on January 1, 1917. The total stocks of canned baked beans on January 1, 1918, were 11.7 per cent larger than those held by the same firms on January 1, 1917. The relative stocks on the two dates are shown in graphic form for each of the more important classes of business concerns in Diagram 32.

DIAGRAM 32.—STOCKS OF CANNED BAKED BEANS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

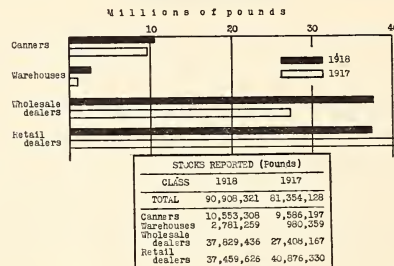


Table 31.—Stocks of canned baked beans reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Canneries.	Ware- houses.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscella- neous.	
				Total.	Whole- sale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.		Other retail dealers.
United States.....	Pounds. 111,266,374	Pounds. 10,685,074	Pounds. 4,191,590	Pounds. 43,924,196	Pounds. 37,366,311	Pounds. 6,557,885	Pounds. 48,891,935	Pounds. 32,073,018	Pounds. 15,985,371	Pounds. 833,546	Pounds. 3,573,579
GEOGRAPHIC DIVISIONS:											
New England.....	9,351,352	85,436	859,373	2,908,334	2,292,585	615,749	5,185,841	3,876,002	1,200,273	109,566	312,368
Middle Atlantic.....	21,893,702	1,836,249	1,500,785	8,395,167	7,100,751	1,294,416	9,175,734	7,097,183	1,825,426	253,125	985,767
East North Central.....	27,908,487	5,367,881	518,688	9,932,275	8,953,646	978,629	11,677,559	8,728,264	2,728,373	220,922	502,084
West North Central.....	17,380,808	966,811	168,169	7,226,173	6,474,420	751,753	8,491,780	4,925,371	3,388,184	178,225	527,875
South Atlantic.....	10,935,016	1,976,546	655,176	4,379,760	3,729,031	650,729	3,819,772	2,006,888	1,490,073	22,811	463,762
East South Central.....	3,935,770	967	16,197	2,263,415	1,943,782	319,633	1,561,021	947,388	607,231	6,402	94,170
West South Central.....	7,641,892	35	91,958	4,520,232	3,579,913	940,319	2,806,592	1,597,726	1,195,461	13,405	223,075
Mountain.....	5,606,479	150,632	39,000	1,590,306	1,351,276	239,030	3,754,051	877,712	2,857,202	19,137	72,490
Pacific.....	6,462,868	300,517	342,244	2,708,534	1,940,907	767,627	2,719,585	2,016,484	693,148	9,953	391,988
NEW ENGLAND:											
Maine.....	1,846,093	765	140	667,056	556,199	110,857	1,158,457	388,062	760,962	9,433	19,675
New Hampshire.....	467,050	-----	-----	95,781	82,173	13,608	362,419	258,170	98,474	5,775	8,850
Vermont.....	268,956	9,779	-----	83,530	75,046	8,484	166,271	92,983	65,472	7,816	9,376
Massachusetts.....	4,599,964	773	793,608	1,298,700	977,393	321,307	2,307,818	2,096,059	165,342	46,417	199,065
Rhode Island.....	790,881	-----	65,625	307,551	262,184	45,367	391,481	355,711	32,118	3,652	26,224
Connecticut.....	1,378,408	74,119	-----	455,716	339,590	116,126	799,396	685,017	77,905	36,473	49,178
MIDDLE ATLANTIC:											
New York.....	7,845,796	4,500	1,142,883	2,806,817	2,047,641	759,176	3,307,888	2,733,782	499,287	74,819	583,708
New Jersey.....	2,606,316	400	-----	1,084,656	981,729	102,927	1,341,538	1,178,810	133,014	29,714	179,722
Pennsylvania.....	11,441,590	1,831,349	357,902	4,503,694	4,071,381	432,313	4,526,308	3,184,591	1,193,125	148,592	222,337
EAST NORTH CENTRAL:											
Ohio.....	6,116,586	88,893	75,864	2,848,019	2,748,828	99,191	2,938,168	2,433,967	463,098	41,103	165,642
Indiana.....	6,249,233	3,067,733	3,758	1,584,751	1,550,169	34,582	1,541,637	1,166,207	356,055	19,375	51,354
Illinois.....	8,166,664	881,571	373,657	3,162,366	2,619,703	542,663	3,626,745	2,425,470	1,137,542	63,733	121,325
Michigan.....	4,628,786	1,181,375	10,000	1,071,968	991,591	80,377	2,241,297	1,905,138	300,650	35,509	124,146
Wisconsin.....	2,838,218	148,309	55,409	1,265,171	1,043,355	221,816	1,329,712	797,482	471,028	61,202	39,617
WEST NORTH CENTRAL:											
Minnesota.....	2,840,823	28	107,586	1,325,396	1,088,209	237,187	1,261,625	700,305	516,818	44,502	146,188
Iowa.....	3,611,655	369,577	956	1,479,260	1,390,129	89,131	1,660,230	884,730	727,539	47,961	101,632
Missouri.....	4,335,055	-----	39,317	2,018,387	1,791,075	227,312	2,146,167	1,593,485	516,454	36,228	131,184
North Dakota.....	612,422	-----	-----	220,357	198,001	22,356	382,220	73,438	298,794	9,988	9,845
South Dakota.....	1,222,389	-----	-----	216,945	202,495	14,450	999,541	713,533	275,167	10,841	5,903
Nebraska.....	2,181,235	597,206	20,220	656,819	602,582	54,237	815,813	335,244	464,038	16,531	91,177
Kansas.....	2,577,229	-----	90	1,309,009	1,201,929	107,080	1,226,184	624,636	589,374	12,174	41,946
SOUTH ATLANTIC:											
Delaware.....	166,606	-----	-----	46,999	40,897	6,102	113,338	96,683	15,958	697	6,269
Maryland.....	3,437,310	1,943,882	562,560	380,724	331,227	49,497	476,115	337,580	131,662	6,603	74,029
District of Columbia.....	856,674	18,300	-----	225,179	225,141	26,618	212,848	208,711	3,525	618	73,861
Virginia.....	1,569,867	10,949	-----	873,365	639,296	234,069	642,823	390,087	245,256	4,480	43,185
West Virginia.....	2,560,294	2,850	-----	879,914	853,347	26,567	660,363	232,830	422,459	5,074	17,167
North Carolina.....	1,161,373	19,200	27,120	582,241	497,494	84,747	520,602	164,553	354,659	1,408	12,210
South Carolina.....	506,769	-----	37,712	210,289	166,851	43,438	255,779	107,587	147,804	388	2,989
Georgia.....	1,151,961	-----	6,812	582,504	440,013	142,491	340,309	253,771	83,439	3,099	222,336
Florida.....	884,162	120	2,772	571,965	534,765	37,200	297,589	214,534	82,311	444	11,716
EAST SOUTH CENTRAL:											
Kentucky.....	1,327,422	-----	14,760	585,657	554,948	30,709	701,409	442,055	255,640	3,714	25,596
Tennessee.....	1,362,508	767	36	928,071	747,410	180,661	417,306	288,087	127,238	1,981	16,688
Alabama.....	880,469	-----	1,401	504,854	437,090	67,764	325,952	146,378	178,592	622	48,262
Mississippi.....	365,011	200	-----	244,833	204,334	40,499	116,354	70,868	45,401	85	3,624
WEST SOUTH CENTRAL:											
Arkansas.....	945,864	-----	600	600,848	586,798	14,050	334,865	166,624	165,544	2,697	9,551
Louisiana.....	869,210	35	32,423	534,725	443,727	90,998	256,223	188,105	68,026	92	45,804
Oklahoma.....	1,567,158	-----	33	792,434	641,410	151,024	723,436	455,459	261,326	6,651	51,255
Texas.....	4,259,660	-----	58,902	2,592,225	1,907,978	684,247	1,492,068	787,538	700,565	3,965	116,465
MOUNTAIN:											
Montana.....	2,472,084	-----	1,850	370,121	293,273	76,848	2,088,150	151,386	1,930,128	6,636	11,963
Idaho.....	344,410	-----	230	153,387	152,847	540	187,727	66,033	120,418	1,276	3,066
Wyoming.....	343,834	-----	-----	98,005	98,005	-----	242,192	58,958	181,638	1,596	3,637
Colorado.....	1,126,113	14,065	12,705	464,662	340,869	123,793	620,838	364,533	249,860	6,445	13,843
New Mexico.....	260,030	-----	2,797	94,770	78,407	16,363	157,632	55,589	101,323	720	4,831
Arizona.....	317,096	-----	-----	104,352	104,352	-----	193,272	58,684	135,484	754	19,494
Utah.....	677,008	136,567	20,536	295,842	284,628	11,214	209,052	101,236	106,136	1,680	15,011
Nevada.....	65,904	-----	882	9,167	9,167	-----	55,180	21,293	33,857	30	675
PACIFIC:											
Washington.....	1,312,002	22,538	19,934	379,985	312,402	67,585	586,058	383,813	199,119	3,126	303,487
Oregon.....	744,176	47,251	17,147	364,257	346,913	17,344	302,205	197,528	103,772	905	13,316
California.....	4,406,690	230,728	305,163	1,964,292	1,281,592	682,700	1,831,322	1,435,143	390,257	5,922	75,185

Table 32.—Comparative figures for canned baked beans, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 90,965,321	Pounds. 81,354,128	Pounds. 10,553,308	Pounds. 9,586,197	Pounds. 2,781,259	Pounds. 930,359	Pounds. 37,829,436	Pounds. 27,408,167	Pounds. 37,459,626	Pounds. 40,876,330
United States .....										
GEOGRAPHIC DIVISIONS:										
New England.....	7,650,475	6,247,260	85,431	201,502	548,644	159,058	2,541,122	1,659,823	4,241,114	4,021,900
Middle Atlantic.....	17,183,305	16,560,972	1,831,749	2,461,812	887,867	165,750	6,869,893	4,076,422	6,932,398	8,633,277
West North Central.....	23,626,383	24,387,511	5,285,571	5,776,559	397,309	400,573	9,127,904	8,090,736	8,402,302	9,715,488
East North Central.....	14,679,504	13,196,541	966,811	136,758	83,593	68,672	6,534,372	4,532,381	6,686,925	8,049,440
South Atlantic.....	9,058,039	5,975,517	1,953,458	726,499	594,872	-----	3,663,649	2,066,452	2,585,518	2,646,404
East South Central.....	3,156,493	2,525,745	200	200	1,761	-----	1,967,082	1,370,107	1,136,903	1,070,418
West South Central.....	5,617,501	3,978,079	35	168	25,129	4,976	3,400,906	2,207,076	2,097,734	1,698,698
Mountain.....	4,824,985	4,193,339	136,567	159,992	31,655	48,052	1,356,645	1,222,418	3,263,558	2,718,337
Pacific.....	5,111,636	4,289,164	293,486	122,716	210,429	133,278	2,367,863	1,582,752	2,112,674	2,322,368
NEW ENGLAND:										
Maine.....	1,650,431	801,993	765	3,366	-----	-----	590,210	167,516	1,046,537	622,119
New Hampshire.....	360,322	1,026,650	-----	-----	-----	-----	94,007	133,537	261,697	884,834
Vermont.....	228,308	298,907	9,779	7,762	-----	-----	78,658	130,161	132,224	153,019
Massachusetts.....	3,705,793	2,556,349	768	669	548,644	159,058	1,095,961	886,810	1,913,416	1,391,047
Rhode Island.....	595,379	500,287	-----	-----	-----	-----	277,138	183,380	293,098	306,676
Connecticut.....	1,110,242	1,067,074	74,119	189,705	-----	-----	405,148	158,419	594,142	664,205
MIDDLE ATLANTIC:										
New York.....	6,059,728	5,475,263	-----	-----	762,278	146,691	2,275,425	2,004,758	2,617,055	2,963,448
New Jersey.....	1,977,656	1,605,011	400	400	893,000	-----	893,000	434,010	955,117	1,028,168
Pennsylvania.....	9,145,921	9,480,698	1,831,349	2,461,412	125,589	19,059	3,701,468	2,237,654	3,360,226	4,641,661
EAST NORTH CENTRAL:										
Ohio.....	5,164,547	4,456,789	88,893	168,239	66,072	49,200	2,578,948	1,949,572	2,291,605	2,151,625
Indiana.....	5,758,550	7,358,566	2,985,438	3,839,721	3,758	3,758	1,545,784	2,176,927	1,180,080	1,271,431
Illinois.....	6,907,243	7,549,568	881,571	636,097	272,070	347,540	2,875,050	2,420,373	2,788,627	4,079,608
Michigan.....	3,357,054	2,883,229	1,181,360	881,786	-----	-----	968,892	718,017	1,093,762	1,169,820
Wisconsin.....	2,438,989	2,139,359	148,309	250,707	55,409	75	1,159,230	825,847	1,048,428	1,043,004
WEST NORTH CENTRAL:										
Minnesota.....	2,195,787	1,759,417	28	205	23,010	20,616	1,096,863	600,918	951,329	1,019,991
Iowa.....	3,233,348	2,728,526	369,577	51,553	956	-----	1,464,774	1,131,129	1,335,171	1,499,209
Missouri.....	3,578,138	3,004,527	-----	-----	39,317	45,986	1,820,198	1,213,903	1,609,765	1,581,821
North Dakota.....	528,035	1,118,287	-----	-----	-----	-----	220,337	165,481	301,323	945,160
South Dakota.....	1,138,467	1,123,618	-----	-----	-----	-----	213,750	187,938	920,492	930,731
Nebraska.....	1,994,614	1,256,147	597,206	85,000	20,220	2,000	650,949	416,174	639,059	693,764
Kansas.....	2,010,215	2,206,019	-----	-----	90	70	1,067,481	816,838	929,786	1,378,764
SOUTH ATLANTIC:										
Delaware.....	107,764	106,030	-----	-----	-----	-----	34,782	19,573	69,288	82,816
Maryland.....	3,225,052	1,305,373	1,943,748	723,415	554,000	-----	298,738	134,128	359,940	421,307
District of Columbia.....	441,263	303,312	-----	-----	-----	-----	205,819	96,441	168,537	173,794
Virginia.....	1,242,366	856,061	6,740	314	-----	-----	752,436	386,475	450,555	441,338
West Virginia.....	1,370,115	868,018	2,850	2,670	-----	-----	859,810	375,349	500,077	483,123
North Carolina.....	881,891	484,413	-----	-----	27,120	-----	435,639	266,021	410,032	208,375
South Carolina.....	321,363	300,043	-----	-----	13,752	-----	151,784	136,341	155,014	162,839
Georgia.....	760,360	1,312,687	-----	-----	-----	-----	426,502	418,029	266,504	473,222
Florida.....	707,865	439,580	120	100	-----	-----	498,139	234,095	205,571	202,590
EAST SOUTH CENTRAL:										
Kentucky.....	1,034,165	1,023,804	-----	-----	360	-----	498,275	495,854	520,334	482,014
Tennessee.....	1,108,679	727,205	-----	-----	-----	-----	799,830	436,730	300,867	282,200
Alabama.....	726,018	525,007	-----	-----	1,401	-----	469,039	278,727	230,623	217,529
Mississippi.....	287,631	249,729	200	200	-----	-----	199,938	158,796	85,079	88,675
WEST SOUTH CENTRAL:										
Arkansas.....	795,869	507,334	-----	-----	600	-----	570,821	304,634	218,689	198,607
Louisiana.....	644,894	434,161	35	168	40	30	435,376	243,052	186,212	171,163
Oklahoma.....	1,247,647	848,957	-----	-----	33	1,500	733,543	382,621	471,506	437,641
Texas.....	2,929,091	2,187,627	-----	-----	24,456	3,446	1,661,166	1,276,769	1,221,327	891,287
MOUNTAIN:										
Montana.....	2,299,738	1,642,862	-----	-----	-----	-----	305,363	257,943	1,987,181	1,374,567
Idaho.....	276,856	288,961	-----	-----	-----	-----	138,465	140,455	136,413	146,680
Wyoming.....	294,028	235,382	-----	-----	-----	-----	98,005	54,415	194,570	179,920
Colorado.....	931,632	867,692	-----	-----	7,440	3,352	424,901	322,647	491,665	532,289
New Mexico.....	199,917	254,535	-----	-----	2,797	4,356	72,233	118,882	123,093	128,943
Arizona.....	229,895	206,428	-----	-----	-----	-----	84,233	74,614	143,599	129,780
Utah.....	544,122	625,663	136,567	159,992	20,536	37,789	225,910	247,179	147,132	163,514
Nevada.....	48,797	71,816	-----	-----	882	2,555	7,535	6,283	39,965	62,644
PACIFIC:										
Washington.....	886,790	934,981	22,157	37,488	19,934	1,213	350,178	363,669	411,799	449,396
Oregon.....	671,619	441,362	47,251	1,786	17,147	24,000	358,686	351,802	237,455	259,646
California.....	3,553,227	2,912,821	224,078	83,442	173,348	108,065	1,658,999	1,067,281	1,463,420	1,613,326

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 2,284,692 pounds; for 1917, 2,503,075 pounds.

## COMMERCIAL STOCKS OF MISCELLANEOUS CANNED VEGETABLES (STRING BEANS, LIMA BEANS, PUMPKIN, ASPARAGUS, ETC.).

The commercial stocks of miscellaneous canned vegetables, including string beans, lima beans, pumpkin, asparagus, etc., as reported in the Food Survey of January 1, 1918, amounted to 322,833,621 pounds. Of this total the canners reported 22.0 per cent; the warehouses, 6.0 per cent; the wholesale dealers, 40.4 per cent; and the retail dealers, 24.9 per cent. The remainder, amounting to 6.7 per cent, was reported by a miscellaneous group of concerns. The holdings reported for each of these classes and for a number of subclasses may be found in the first column of Table 33. The relative quantities reported for the different classes are shown in graphic form in Diagram 33.

The number of schedules received and tabulated for miscellaneous canned vegetables is given, by classes of business, in Table 34.

Table 33.—Stocks of miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.) for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 322,833,621	Pounds. 275,159,085	116.7	Pounds. 235,717,277
Canners	70,646,113	60,571,413	232.9	26,004,362
Warehouses	19,514,543	12,338,400	136.3	9,051,707
Wholesale dealers	130,440,207	120,580,668	102.2	117,998,787
Wholesale grocers	115,041,324	108,417,949	98.0	110,378,183
Other wholesale dealers	15,398,883	12,462,719	163.5	7,620,604
Retail dealers	80,534,144	64,859,104	95.2	68,155,792
Retail grocers	54,629,662	43,584,502	96.4	45,213,794
General stores	25,121,565	20,774,585	92.6	22,444,173
Other retail dealers	782,917	500,017	100.4	497,825
Miscellaneous	21,698,614	16,819,500	115.9	14,506,629

Diagram 33.—Distribution of Total Stocks of Miscellaneous Canned Vegetables (String Beans, Lima Beans, Pumpkin, Asparagus, Etc.) Reported For January 1, 1918.

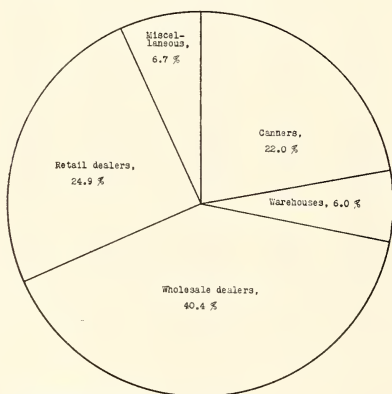


Table 34.—Number of firms reporting miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.), by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	180,714	128,149
Canners	539	383
Warehouses	222	123
Wholesale dealers	4,590	3,641
Wholesale grocers	3,659	3,293
Other wholesale dealers	841	733
Retail dealers	160,511	114,180
Retail grocers	102,048	71,561
General stores	54,065	40,162
Other retail dealers	4,358	2,454
Miscellaneous	14,442	9,813

### Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of miscellaneous canned vegetables in commercial channels on the date of the Survey is given in detail in Table 35. The stocks reported for the East North Central division, amounting to 83,676,867 pounds, exceeded those of the Middle Atlantic division, which ranked second, by approximately one-third. The West North Central division reported slightly more than one-half as large total stocks as the East North Central, while the Pacific and the South Atlantic divisions each reported considerably less than one-half as large stocks as the East North Central. The stocks reported for the several geographic divisions are shown graphically in Diagram 34, while those reported for the eighteen most important states are shown in similar form in Diagram 35.

Diagram 34.—Stocks of Miscellaneous Canned Vegetables (String Beans, Lima Beans, Pumpkin, Asparagus, Etc.) Reported For January 1, 1918, by Geographic Divisions.

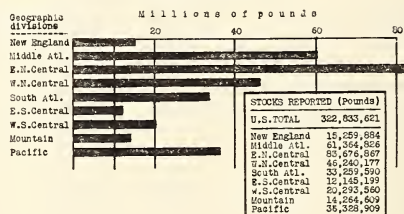
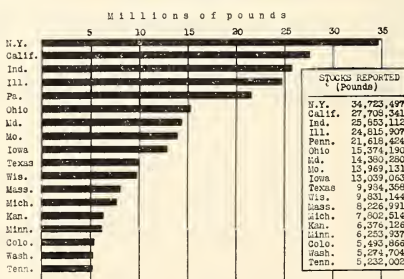


Diagram 35.—Stocks of Miscellaneous Canned Vegetables (String Beans, Lima Beans, Pumpkin, Asparagus, Etc.) Reported For the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

Nearly seven-eighths of the reports for miscellaneous canned vegetables, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given, for the several classes and subclasses of business concerns, in the last three columns of Table 33, and also by geographic divisions and states in Table 36. Only the retail dealers, it may be seen, reported smaller stocks for the date of the Survey than for the earlier date, but the stocks reported by the wholesale dealers for the date of the Survey were only 2.2 per cent larger than those held by the same firms on January 1, 1917. The holdings of the warehouses, on the other hand, show an increase of 36.3 per cent, and those of the canners an increase of 132.9 per cent. The total stocks on the date of the Survey were 16.7 per cent larger than the stocks on January 1, 1917. The stocks reported for the two dates are shown in graphic form, for each of the principal classes of business concerns, in Diagram 36.

## DIAGRAM 36.—STOCKS OF MISCELLANEOUS CANNED VEGETABLES (STRING BEANS, LIMA BEANS, PUMPKIN, ASPARAGUS, ETC.)

REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917,  
BY IMPORTANT CLASSES OF BUSINESS.

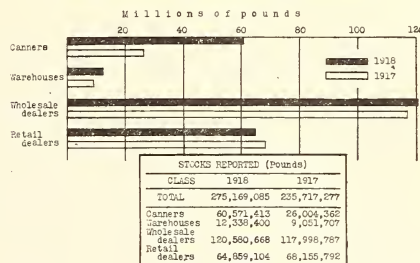


Table 35.—Stocks of miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.) reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	WHOLESALE DEALERS.					RETAIL DEALERS.				
		Canners.	Ware- houses.	Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	Miscella- neous.
United States.	Pounds. 322,833,621	Pounds. 70,646,113	Pounds. 19,514,543	Pounds. 130,440,207	Pounds. 115,041,324	Pounds. 15,398,883	Pounds. 80,534,144	Pounds. 54,629,662	Pounds. 25,121,565	Pounds. 782,917	Pounds. 21,698,614
GEOGRAPHIC DIVISIONS:											
New England:	15,259,884	439,018	1,322,114	6,645,476	5,819,249	826,227	4,656,692	3,971,058	579,730	105,904	2,196,584
Middle Atlantic	61,364,826	9,843,922	8,755,507	19,261,929	18,122,254	1,139,675	19,365,303	16,383,157	2,743,534	238,612	4,138,165
East North Central	83,676,867	28,149,162	3,762,164	30,557,941	27,186,003	3,371,938	16,100,509	11,862,599	4,021,691	216,219	5,107,091
West North Central	46,240,177	2,639,695	1,123,178	26,130,893	25,169,417	961,476	13,673,667	7,078,978	6,456,179	138,510	2,652,744
South Atlantic	33,259,590	10,465,704	2,552,033	11,249,039	7,915,574	3,334,039	6,298,504	3,886,291	2,389,481	23,032	2,695,436
East South Central	12,145,199	2,499,311	253,235	6,338,427	5,553,973	784,454	2,339,661	1,611,642	719,130	8,889	714,475
West South Central	20,293,560	1,206,225	467,360	12,177,509	11,366,682	810,827	4,850,081	3,053,136	1,777,707	19,238	1,592,385
Mountain	14,264,609	2,166,726	203,203	5,049,318	4,680,732	368,586	6,354,394	2,174,007	4,259,536	20,851	490,968
Pacific	36,328,909	13,216,350	1,075,659	13,029,101	9,227,440	3,801,661	6,895,033	4,608,794	2,274,577	11,662	2,112,766
NEW ENGLAND:											
Maine	2,072,442	138,141	53,528	1,138,672	1,082,315	56,357	574,538	424,647	141,458	8,433	167,563
New Hampshire	657,696	687	310,330	253,406	253,406	56,924	300,783	234,024	61,655	5,104	45,896
Vermont	632,486	269,291	3,058	103,195	90,955	12,240	213,173	118,316	83,764	11,093	43,769
Massachusetts	8,226,991	18,416	1,237,002	3,738,367	3,222,372	515,995	1,820,613	1,587,648	187,050	45,915	1,412,593
Rhode Island	1,049,484	—	28,526	503,626	447,147	56,479	348,785	329,976	16,323	2,486	168,547
Connecticut	2,620,785	12,483	—	581,286	723,054	128,232	1,398,800	1,276,447	89,480	32,873	358,216
MIDDLE ATLANTIC:											
New York	34,723,497	7,610,659	2,431,381	9,830,054	9,196,397	633,657	12,353,670	11,116,807	1,131,007	105,856	2,497,733
New Jersey	5,022,905	1,336,228	24	1,402,149	1,280,717	121,432	1,839,332	1,650,892	140,150	48,290	445,172
Pennsylvania	21,618,424	897,035	6,324,102	8,029,726	7,645,140	384,586	5,172,301	3,615,458	1,472,377	84,466	1,195,260
EAST NORTH CENTRAL:											
Ohio	15,374,190	1,803,947	135,024	8,221,179	7,869,735	351,444	3,856,795	3,266,846	558,352	31,597	1,357,245
Indiana	25,853,112	17,378,111	1,566,830	4,123,160	4,029,650	93,510	2,381,542	1,905,921	453,060	22,561	403,461
Illinois	24,815,907	1,809,024	1,968,607	13,260,659	10,801,519	2,459,140	6,016,330	3,754,036	2,195,480	66,814	1,761,227
Michigan	7,802,514	1,330,262	5,000	2,888,904	2,592,555	296,349	2,413,014	1,998,345	368,417	46,252	1,165,334
Wisconsin	9,831,144	5,827,810	86,643	2,064,039	1,892,544	171,495	1,432,828	937,451	446,382	48,995	119,824
WEST NORTH CENTRAL:											
Minnesota	6,253,937	34,120	208,050	4,128,819	3,657,161	471,658	1,532,549	970,792	542,144	19,613	350,399
Iowa	13,039,063	2,263,409	97,770	6,477,654	6,386,810	90,844	3,531,360	1,464,905	2,028,868	37,587	668,870
Missouri	13,969,131	73,098	399,934	8,701,204	8,646,129	55,075	3,906,277	2,671,394	1,191,641	43,242	888,618
North Dakota	808,618	—	—	312,624	264,576	48,048	433,006	109,680	319,130	4,187	62,988
South Dakota	833,002	—	—	249,398	249,016	382	540,770	157,568	375,340	7,862	42,834
Nebraska	4,960,300	225,270	138,238	2,841,765	2,646,940	194,825	1,578,886	648,331	915,065	15,490	176,141
Kansas	6,376,126	63,798	279,186	3,419,429	3,318,785	100,644	2,150,819	1,056,299	1,083,991	10,529	462,894
SOUTH ATLANTIC:											
Delaware	2,373,586	2,225,468	—	36,657	36,641	16	81,610	73,337	7,960	313	29,851
Maryland	14,380,280	7,302,260	2,502,542	3,145,378	705,999	2,439,379	628,271	491,969	131,449	4,533	801,829
District of Columbia	842,032	—	21,510	352,120	298,559	53,561	255,161	214,912	38,421	1,828	213,261
Virginia	4,042,146	510,866	9,840	1,904,457	1,714,030	190,427	1,414,318	708,227	701,534	4,557	202,665
West Virginia	4,693,339	3,403	—	2,988,003	2,829,367	158,636	1,151,372	443,768	704,448	3,156	549,961
North Carolina	1,669,826	64,888	—	664,440	550,320	113,920	1,713,768	297,509	413,585	2,674	226,730
South Carolina	1,521,289	24,032	9,848	301,638	245,361	55,277	1,138,798	940,505	196,542	1,751	46,373
Georgia	2,249,057	328,750	7,043	908,169	642,662	265,507	572,266	464,900	103,741	3,627	432,797
Florida	1,488,015	5,407	1,250	948,151	889,235	58,916	343,238	251,164	91,801	273	198,969
EAST SOUTH CENTRAL:											
Kentucky	3,836,898	272,114	38,235	2,399,514	2,132,173	267,341	922,850	700,875	215,682	6,293	294,185
Tennessee	5,232,002	1,572,050	39,920	2,533,543	2,255,906	277,637	818,468	598,818	218,072	1,578	268,021
Alabama	1,595,142	1,440	175,170	825,329	731,433	93,896	421,507	206,690	214,042	775	171,696
Mississippi	1,481,157	653,707	—	580,041	434,461	145,580	176,836	105,259	71,334	243	70,573
WEST SOUTH CENTRAL:											
Arkansas	2,480,704	7,689	—	1,767,700	1,707,528	60,172	558,032	296,881	259,226	1,925	147,283
Louisiana	2,627,262	515,384	355,300	1,180,765	951,464	229,301	384,634	262,726	121,714	194	191,779
Oklahoma	5,201,236	—	32,800	3,374,984	3,302,063	72,921	1,484,998	898,507	574,675	11,816	308,454
Texas	9,984,358	683,152	79,260	5,854,060	5,405,627	448,433	2,422,417	1,395,022	822,092	5,303	945,469
MOUNTAIN:											
Montana	2,629,292	—	5,100	1,309,527	1,143,148	166,379	1,203,452	450,675	746,506	6,271	111,213
Idaho	976,067	3,480	15,312	399,999	399,997	92	541,970	173,293	368,201	476	15,306
Wyoming	907,818	—	—	183,394	183,394	—	804,102	169,026	630,479	4,307	10,322
Colorado	5,493,866	1,929,181	120,304	1,800,151	1,696,530	103,792	1,439,129	787,667	645,151	6,311	205,101
New Mexico	1,582,915	—	10,694	469,665	469,665	—	1,050,229	136,280	913,495	454	52,327
Arizona	711,094	—	1,050	120,971	162,643	48,328	465,073	139,154	325,832	87	34,000
Utah	1,310,057	234,065	48,180	594,485	544,537	49,946	393,539	172,090	218,875	2,574	39,790
Nevada	563,500	—	2,563	81,128	81,079	49	456,900	145,822	310,997	81	22,909
PACIFIC:											
Washington	5,274,704	944,583	85,307	2,323,362	2,267,329	56,033	1,411,566	722,758	686,233	2,575	509,886
Oregon	3,345,864	619,087	41,894	1,336,182	1,150,759	185,423	1,180,300	772,920	405,769	1,611	168,401
California	27,768,331	11,652,680	948,458	9,369,557	5,809,352	3,560,205	4,303,167	3,113,116	1,182,575	7,476	1,414,479

Table 36.—Comparative figures for miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.), by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 275,169,985	Pounds. 235,717,277	Pounds. 60,571,413	Pounds. 26,004,362	Pounds. 12,338,400	Pounds. 9,051,707	Pounds. 120,580,668	Pounds. 117,998,787	Pounds. 64,859,104	Pounds. 68,155,792
GEOGRAPHIC DIVISIONS:										
New England.....	12,188,077	13,042,785	331,141	364,705	385,234	285,590	6,127,653	6,069,510	3,695,443	4,668,744
Middle Atlantic.....	52,736,218	47,202,424	8,469,799	4,321,885	6,991,741	5,687,684	17,254,546	17,800,861	16,541,739	16,303,968
East North Central.....	71,193,379	54,218,807	23,650,115	9,815,724	1,767,543	1,255,171	28,873,467	25,192,076	12,516,669	13,682,333
West North Central.....	41,654,398	41,836,987	2,625,542	1,733,485	1,075,600	530,053	24,601,166	25,823,664	11,188,841	11,934,344
South Atlantic.....	25,705,153	22,655,113	8,399,603	4,176,111	980,488	268,416	9,765,086	11,259,226	4,893,146	5,647,413
East South Central.....	9,637,388	10,486,102	1,548,035	1,292,963	129,800	106,072	5,684,569	6,806,367	1,725,911	1,754,470
West South Central.....	16,998,032	17,008,256	1,116,706	98,298	91,366	330,388	11,218,280	11,944,773	3,659,543	4,006,457
Mountain.....	12,208,076	10,651,607	2,048,061	1,302,615	176,052	120,675	4,293,825	4,048,084	5,349,373	4,860,192
Pacific.....	32,847,344	18,619,166	12,382,441	2,898,576	740,576	467,658	12,762,076	9,054,226	5,288,439	4,997,851
NEW ENGLAND:										
Maine.....	1,807,137	1,446,509	44,541	36,186	35,000	-----	1,108,369	773,418	473,622	524,908
New Hampshire.....	568,137	603,740	-----	-----	-----	-----	306,798	291,009	223,670	272,277
Vermont.....	573,856	797,428	269,291	284,423	3,058	3,610	101,015	277,470	181,247	210,302
Massachusetts.....	6,233,499	6,893,453	4,826	24,096	347,176	281,980	3,507,148	3,266,233	1,365,690	2,371,856
Rhode Island.....	840,561	912,734	-----	-----	-----	-----	409,127	493,002	275,681	270,492
Connecticut.....	2,166,867	2,388,921	12,483	20,000	-----	-----	695,196	968,378	1,175,533	1,018,969
MIDDLE ATLANTIC:										
New York.....	30,678,656	26,359,723	7,263,233	3,742,232	994,071	806,950	9,159,366	9,300,904	11,089,145	10,608,191
New Jersey.....	3,914,583	3,167,974	1,043,385	365,265	-----	82,045	1,157,425	993,252	1,373,289	1,486,186
Pennsylvania.....	18,142,979	17,674,727	163,151	214,388	5,997,670	4,798,689	6,937,755	7,506,705	4,079,305	4,299,591
EAST NORTH CENTRAL:										
Ohio.....	13,675,042	12,378,745	1,539,908	743,300	58,056	50,630	7,894,812	6,908,760	2,973,631	3,136,993
Indiana.....	20,331,405	10,131,002	14,300,873	4,286,816	55,200	65,100	3,915,951	3,731,209	1,720,394	1,855,979
Illinois.....	21,997,968	21,239,686	1,799,425	2,822,312	1,567,644	1,133,362	10,255,531	10,255,531	4,874,501	6,148,337
Michigan.....	6,188,741	6,107,788	532,099	402,263	-----	-----	2,772,283	2,807,833	1,843,076	1,724,164
Wisconsin.....	9,000,223	4,557,586	5,477,810	1,501,033	86,643	79	1,974,575	1,888,723	1,103,067	1,116,880
WEST NORTH CENTRAL:										
Minnesota.....	5,586,474	4,703,295	21,317	29,706	207,410	40,746	3,844,501	3,197,895	1,212,827	1,185,477
Iowa.....	12,387,265	11,673,798	17,646,633	1,683,213	97,770	67,434	6,422,646	7,888,802	3,073,704	2,237,901
Missouri.....	12,673,201	12,659,846	28,524	20,566	397,502	263,888	8,317,382	7,856,498	3,168,514	2,773,006
North Dakota.....	710,966	775,318	-----	-----	-----	-----	809,342	348,474	352,004	403,046
South Dakota.....	712,903	1,545,075	-----	-----	-----	-----	243,976	341,798	437,011	1,178,247
Nebraska.....	4,406,977	4,661,381	225,270	-----	94,236	69,185	2,647,760	2,179,080	1,299,024	2,330,386
Kansas.....	5,176,612	5,818,274	63,798	-----	278,682	88,800	2,815,059	3,791,117	1,645,757	1,826,281
SOUTH ATLANTIC:										
Delaware.....	2,162,061	709,298	2,075,773	517,117	-----	-----	34,127	130,994	47,298	57,091
Maryland.....	10,166,797	8,417,029	5,805,681	3,173,034	969,890	246,424	2,566,637	4,155,947	490,437	630,427
District of Columbia.....	640,222	652,727	-----	-----	-----	-----	254,390	263,410	188,809	179,586
Virginia.....	3,104,933	3,280,198	126,374	55,306	-----	-----	1,762,416	2,170,169	1,055,804	907,238
West Virginia.....	4,144,413	4,224,914	907	4,055	-----	-----	2,814,892	2,306,958	893,147	1,660,255
North Carolina.....	1,302,118	1,241,625	50,228	400	-----	-----	543,686	624,913	518,318	448,904
South Carolina.....	1,330,991	1,354,750	18,960	5,972	9,848	816	266,816	305,136	997,124	997,664
Georgia.....	1,656,511	1,630,904	321,680	420,227	750	21,176	679,201	643,145	464,811	461,590
Florida.....	1,197,107	1,143,668	-----	-----	-----	-----	842,921	758,554	255,398	295,657
EAST SOUTH CENTRAL:										
Kentucky.....	3,037,219	3,846,153	-----	-----	19,835	22,872	2,211,399	2,978,714	648,239	695,904
Tennessee.....	4,438,375	4,634,280	1,383,826	1,272,899	39,920	-----	2,167,663	2,508,213	620,810	618,306
Alabama.....	1,255,178	1,304,881	-----	-----	70,045	83,200	733,979	860,746	319,312	288,419
Mississippi.....	906,616	700,788	164,209	20,064	-----	-----	571,528	458,694	137,550	151,841
WEST SOUTH CENTRAL:										
Arkansas.....	2,277,921	2,598,443	-----	-----	-----	-----	1,743,005	2,086,431	393,490	401,803
Louisiana.....	1,949,870	1,407,198	434,054	85,998	150	150	1,107,139	886,609	301,619	348,753
Oklahoma.....	4,366,280	3,929,856	-----	-----	32,800	28,250	3,124,320	2,679,966	1,006,054	1,123,175
Texas.....	8,404,981	9,072,789	682,652	12,300	58,416	301,988	5,243,816	6,291,767	1,958,380	2,132,726
MOUNTAIN:										
Montana.....	2,174,060	1,994,754	-----	-----	-----	-----	1,102,866	850,153	1,004,333	1,066,061
Idaho.....	806,646	774,266	3,480	-----	-----	-----	349,399	315,705	441,225	448,609
Wyoming.....	884,652	800,211	-----	-----	300	2,280	183,394	208,805	586,489	586,489
Colorado.....	4,941,428	4,112,798	1,830,116	1,219,759	114,315	45,642	1,606,517	1,548,871	1,290,706	1,136,849
New Mexico.....	1,330,002	1,005,092	-----	-----	10,694	13,500	340,898	465,540	963,904	505,784
Arizona.....	523,469	604,871	-----	-----	-----	-----	163,099	184,122	348,970	412,718
Utah.....	1,094,237	860,779	214,465	88,856	48,180	49,310	494,006	415,497	306,027	283,420
Nevada.....	453,582	498,836	-----	-----	2,563	9,943	53,646	59,391	378,775	420,262
PACIFIC:										
Washington.....	4,635,624	3,312,260	863,607	94,970	9,054	6,260	2,231,131	1,833,400	1,138,622	1,048,364
Oregon.....	2,792,179	1,867,248	619,087	70,037	24,340	9,000	1,298,800	935,599	707,194	716,102
California.....	25,419,541	13,439,658	10,899,747	2,733,569	707,182	452,398	9,232,145	6,285,227	3,442,623	3,233,885

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 16,519,509 pounds; for 1917, 14,506,629 pounds.

COMMERCIAL STOCKS OF CANNED FRUITS AND BERRIES.

The stocks of canned fruits and berries reported in the Food Survey of January 1, 1918, by all classes of business concerns amounted to 611,543,054 pounds. Of these stocks the canners held 30.4 per cent; the warehouses, 5.5 per cent; the wholesale dealers, 38.3 per cent; the retail dealers, 16.8 per cent; and the bakers, 2.9 per cent. The remainder, amounting to 6.1 per cent of the total, was held by a miscellaneous group of firms. The stocks reported by these classes of business concerns and by certain subdivisions of the wholesale and retail classes, are given in the first column of Table 37, while the relative quantities reported by each class are shown graphically in Diagram 37.

The number of firms reporting canned fruits and berries is shown, by classes of business, in Table 38.

Table 37.—Stocks of canned fruits and berries reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 611,543,054	Pounds. 528,541,399	129.8	Pounds. 407,298,938
Canners.....	186,165,513	175,302,816	248.3	70,598,412
Warehouses.....	33,725,835	22,647,898	110.1	20,573,893
Wholesale dealers.....	234,194,385	216,596,266	105.9	204,471,813
Wholesale grocers.....	185,044,832	170,641,623	97.9	174,213,544
Other wholesale dealers.....	49,149,553	45,954,643	151.9	30,258,269
Bakers.....	17,517,981	14,490,298	100.2	14,462,154
Retail dealers.....	102,658,500	80,331,782	98.6	81,434,197
Retail grocers.....	62,429,960	47,927,621	98.8	48,296,636
General stores.....	39,453,717	31,919,644	98.4	32,467,376
Other retail dealers.....	778,823	484,517	98.8	490,365
Miscellaneous*.....	37,280,840	19,172,339	121.7	15,758,469

\* The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

Diagram 37.—Distribution of Total Stocks of Canned Fruits and Berries Reported for January 1, 1918.

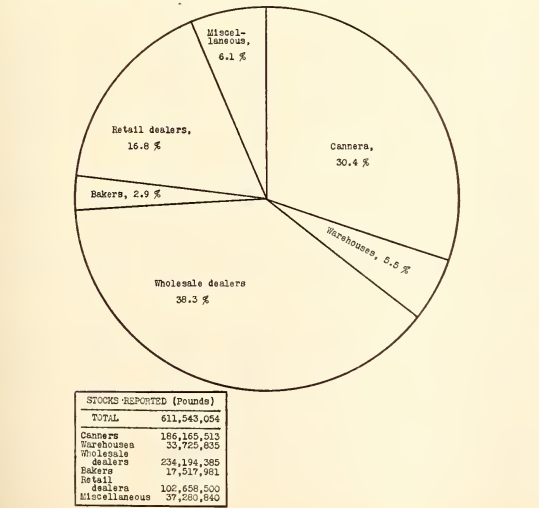


Table 38.—Number of firms reporting canned fruits and berries, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	191,862	137,333
Canners.....	551	387
Warehouses.....	262	160
Wholesale dealers.....	5,274	4,457
Wholesale grocers.....	3,751	3,312
Other wholesale dealers.....	1,523	1,145
Bakers.....	7,901	5,550
Retail dealers.....	166,773	119,460
Retail grocers.....	103,355	72,538
General stores.....	59,720	44,862
Other retail dealers.....	3,698	2,060
Miscellaneous.....	11,101	7,319

Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of canned fruits and berries among the several geographic divisions and states is shown, by classes of business, in Table 39. Nearly one-third of the total commercial stocks of this commodity were reported from the Pacific division, Washington and California each reporting over 90,000,000 pounds. The East North Central division ranked second, Illinois reporting more than twice as much as any other state in this division. The Middle Atlantic division ranked third, and the West North Central division fourth. The distribution of these stocks is represented graphically by geographic divisions in Diagram 38, while the quantities reported for the eighteen most important states are shown in similar form in Diagram 39.

Diagram 38.—Stocks of Canned Fruits and Berries Reported for January 1, 1918, by Geographic Divisions.

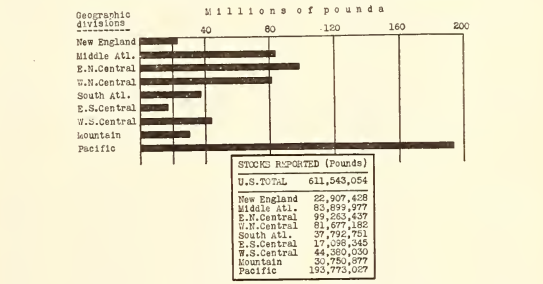
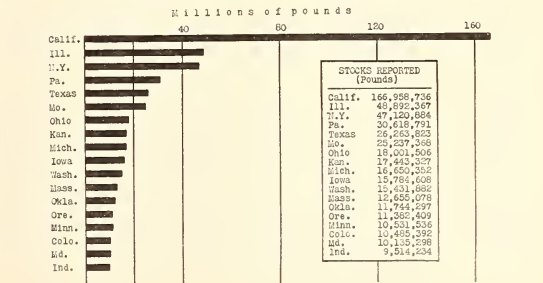


Diagram 39.—Stocks of Canned Fruits and Berries Reported for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

About six-sevenths of the reports for canned fruits and berries, based on the quantity reported, give information for January 1, 1917, as well as for January 1, 1918. The comparative figures based on these two-year reports are given, for the different classes and subclasses of business concerns, in the last three columns of Table 37, and also by geographic divisions and states in Table 40. The stocks of the retail dealers, it may be noticed, showed a slight decrease as compared with the stocks held by the same class of dealers January 1, 1917. The other classes of business reported increased stocks, the increase being specially marked in the case of the canners. The total stocks of canned fruits and berries on the date of the Survey were 29.8 per cent larger than those held by the same firms on January 1, 1917. The commercial holdings on the two dates are represented graphically for each of the more important classes of business concerns in Diagram 40.

DIAGRAM 40.—STOCKS OF CANNED FRUITS AND BERRIES REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

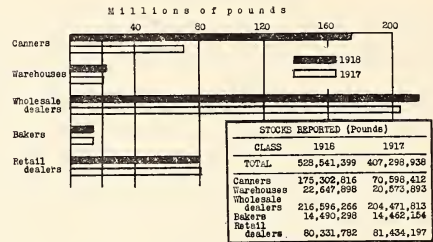


Table 39.—Stocks of canned fruits and berries reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	WHOLESALE DEALERS.						RETAIL DEALERS.						Miscellaneous.
	Total.	Canners.	Ware- houses.	Total.	Wholesale grocers.	Other wholesale dealers.	Bakers.	Total.	Retail grocers.	General stores.	Other retail dealers.		
U. S. ....	Pounds. 611,543,054	Pounds. 186,165,513	Pounds. 33,725,835	Pounds. 234,194,385	Pounds. 185,044,832	Pounds. 49,149,553	Pounds. 17,517,981	Pounds. 102,658,500	Pounds. 62,425,963	Pounds. 39,453,717	Pounds. 778,823	Pounds. 37,280,840	
GEOG. DIVS.:													
New England	22,907,428	1,126,160	1,622,903	11,863,789	9,237,367	2,626,422	1,012,073	5,414,942	4,533,379	790,470	91,093	1,867,561	
Middle Atl. .	83,899,977	25,509,394	7,887,118	28,744,650	24,841,347	3,903,303	2,926,846	12,780,164	10,025,608	2,555,230	199,326	6,051,895	
E. N. Central	99,263,437	9,951,998	7,078,810	47,577,404	38,213,174	9,364,230	2,023,303	19,877,445	14,180,877	5,540,010	156,558	7,754,477	
W. N. Central	81,677,182	1,815,963	4,531,022	46,744,126	41,741,977	5,002,149	2,768,443	22,473,635	11,248,678	11,012,490	212,548	3,343,963	
South Atl. .	37,792,571	10,284,776	2,190,608	15,010,042	11,917,942	3,091,093	947,247	6,677,917	3,207,197	3,442,071	28,649	2,682,161	
E. S. Central	17,098,435	1,922,917	755,539	10,004,150	8,036,847	1,967,303	283,499	3,670,960	2,087,517	1,570,524	12,919	460,960	
W. S. Central	44,380,030	925,537	1,781,813	20,570,678	17,932,845	2,637,833	465,588	9,922,232	6,076,548	3,811,656	34,028	10,714,182	
Mountain .	30,750,877	4,973,521	539,663	13,685,330	11,653,387	2,031,943	320,523	9,973,144	8,879,179	6,065,863	28,102	1,258,696	
Pacific . . .	193,773,027	129,655,337	7,338,039	39,994,216	21,468,939	18,525,277	1,770,459	11,868,061	7,186,977	4,665,484	15,600	3,146,915	
NEW ENGLAND:													
Me. . . . .	3,920,417	822,339	50,490	1,964,934	1,548,630	416,304	47,283	919,318	645,107	264,047	10,164	116,053	
N. H. . . . .	1,250,071	33,290	-----	705,138	460,424	244,714	13,554	421,318	326,177	92,459	2,682	74,771	
Vt. . . . .	576,104	6,704	-----	250,491	197,811	52,680	20,453	249,526	140,608	99,516	9,402	48,930	
Mass. . . .	12,655,078	172,617	1,463,048	6,833,611	5,406,545	1,427,066	609,010	2,369,828	2,107,506	224,952	37,370	1,206,964	
R. I. . . . .	1,633,788	-----	109,365	908,463	722,485	185,978	82,189	404,144	372,202	28,977	2,965	120,627	
Conn. . . .	2,871,970	89,210	-----	1,201,152	901,472	299,680	239,584	1,050,808	941,779	80,519	28,510	291,216	
MIDDLE ATL.:													
N. Y. . . . .	47,120,884	18,825,532	5,491,452	12,732,882	10,292,698	2,440,184	1,366,339	5,336,254	4,323,942	953,007	59,305	3,368,425	
N. J. . . . .	6,160,302	1,821,464	45,048	1,511,138	1,156,297	354,841	1,941,932	1,787,167	1,797,656	123,743	23,333	603,133	
Pa. . . . .	30,618,791	4,852,308	2,350,618	14,509,630	13,392,352	1,108,278	1,335,920	5,498,978	3,904,010	1,478,480	116,488	2,080,337	
E. N. CENTRAL:													
Ohio . . . .	18,001,506	959,553	198,603	10,203,192	9,759,399	443,793	1,256,984	3,951,693	3,118,921	810,931	21,841	1,431,481	
Ind. . . . .	9,514,234	149,596	128,985	4,698,067	4,452,877	245,190	329,434	2,990,030	2,501,661	472,566	15,803	518,122	
Ill. . . . .	48,892,367	223,102	5,948,665	26,457,590	18,532,370	8,105,553	7,925,520	3,618,014	8,975,147	3,726,961	69,815	3,669,540	
Mich. . . .	16,650,352	8,353,347	1,200	3,090,913	2,923,017	167,896	1,478,663	2,077,043	1,567,347	483,740	25,956	1,649,186	
Wis. . . . .	6,204,978	266,400	101,357	3,127,642	2,545,811	581,831	340,208	1,883,532	1,304,577	555,812	23,143	485,839	
W. N. CENTRAL:													
Mo. . . . .	10,531,536	42,980	298,070	6,756,704	5,968,426	788,278	221,844	2,555,077	1,292,637	1,239,237	23,207	656,861	
Iowa . . . .	15,784,608	85,608	139,150	9,257,732	8,803,878	453,854	450,033	5,132,381	2,470,478	2,588,353	73,550	719,704	
Ill. . . . .	25,237,368	1,526,475	2,379,094	13,883,860	12,386,019	1,497,841	1,525,340	4,653,062	3,323,704	1,282,946	46,412	1,268,727	
N. D. . . . .	2,115,462	-----	110,040	665,403	602,970	62,433	61,937	1,159,883	246,983	903,296	9,604	118,199	
S. D. . . . .	2,232,272	-----	793,247	733,646	599,601	134,045	59,292	1,300,139	340,946	950,533	8,660	79,594	
Nebr. . . .	8,332,609	151,306	5,012,783	5,012,783	4,254,546	758,237	135,259	2,368,204	859,954	1,488,343	19,907	282,765	
Kan. . . . .	17,443,327	9,690	1,221,540	10,374,397	8,992,582	1,381,815	314,758	5,304,889	2,713,980	2,559,701	31,208	218,143	
SOUTH ATL.:													
Del. . . . .	2,381,050	2,115,471	-----	73,992	30,684	43,308	27,987	66,504	58,786	4,320	3,398	97,096	
Md. . . . .	10,135,298	6,801,807	1,369,083	1,033,771	840,143	193,628	149,064	393,150	328,551	104,689	3,811	388,423	
D. C. . . . .	1,892,326	-----	294,164	551,010	372,500	178,420	236,183	328,551	341,502	15,815	132	142,418	
Va. . . . .	5,920,407	1,164,573	164,200	2,913,091	1,922,368	990,723	185,623	1,215,719	508,834	642,740	4,144	277,201	
W. Va. . . .	6,720,467	107,641	2,550	4,121,548	3,902,386	219,162	116,589	2,156,974	544,287	1,610,906	1,781	215,165	
N. C. . . . .	2,431,021	34,164	-----	1,411,489	1,094,683	316,806	89,788	712,036	322,220	385,474	4,342	183,544	
S. C. . . . .	1,586,414	-----	277,751	707,161	570,656	136,505	16,270	1,518,014	192,875	323,835	1,304	67,218	
Ga. . . . .	4,486,188	53,860	82,860	2,477,759	1,729,422	748,337	47,950	549,699	273,843	270,847	8,745	1,094,610	
Fla. . . . .	2,569,580	7,260	-----	1,720,221	1,456,017	264,204	77,793	557,820	378,254	178,587	979	206,486	
E. S. CENTRAL:													
Ky. . . . .	7,074,882	1,763,998	536,075	3,187,713	2,989,049	198,664	101,179	1,358,638	795,180	556,371	7,107	127,279	
Tenn. . . . .	5,093,584	73,490	41,332	3,778,519	2,013,242	1,165,307	699,017	964,739	620,963	272,963	2,727	147,667	
Ark. . . . .	1,828,942	130	175,452	2,023,043	1,610,520	412,523	91,416	931,481	412,459	517,730	1,292	105,679	
Miss. . . . .	1,599,658	83,270	-----	1,014,875	824,156	190,719	5,076	416,102	210,851	203,488	1,793	80,335	
W. S. CENTRAL:													
Ark. . . . .	3,009,412	884,355	-----	1,377,785	1,297,276	80,509	22,233	632,498	286,053	344,148	2,297	92,541	
La. . . . .	3,392,498	-----	139,590	2,103,876	1,867,623	236,253	62,886	818,410	466,197	351,815	398	237,736	
Okl. . . . .	11,744,297	10,642	189,731	6,781,672	6,388,697	392,975	278,908	4,125,667	2,658,031	1,444,094	23,542	327,677	
Texas . . . .	26,263,823	540	1,452,492	10,307,345	8,379,249	1,928,096	101,561	4,345,657	2,666,267	1,671,599	7,791	10,056,228	
MOUNTAIN:													
Mont. . . . .	6,323,875	6,650	58,450	3,601,078	2,979,474	621,604	21,523	2,199,606	804,940	1,381,080	13,586	436,568	
Idaho . . . .	2,609,292	348,724	1,812	1,080,788	1,062,211	18,577	14,932	2,119,659	330,635	787,192	1,832	43,377	
Wyo. . . . .	957,078	-----	212,490	212,490	212,490	-----	7,370	721,510	184,151	534,802	2,537	15,708	
Colo. . . . .	10,485,392	2,057,143	424,444	4,750,803	3,936,682	823,121	162,854	2,757,584	1,550,593	1,198,958	8,003	323,504	
N. M. . . . .	1,757,521	-----	12,109	704,108	645,435	58,673	30,942	888,122	286,292	601,647	438	120,040	
Ariz. . . . .	1,828,942	4,406	775,292	1,629,983	1,629,983	-----	242,729	242,729	242,729	691,021	1,507	70,256	
Utah . . . .	5,792,388	2,501,004	30,877	2,424,874	2,079,439	345,435	29,276	556,696	206,035	349,778	1,383	189,661	
Nev. . . . .	996,389	-----	7,571	126,957	125,407	1,550	8,572	795,767	273,804	521,885	78	57,522	
PACIFIC:													
Wash. . . . .	15,431,882	4,849,196	448,773	6,556,488	6,145,174	411,314	258,768	2,685,095	1,073,325	1,509,522	2,248	733,562	
Ore. . . . .	17,382,497	3,138,582	241,900	5,737,311	3,379,233	2,358,078	137,512	1,649,922	641,757	1,004,614	3,551	477,152	
Calif. . . . .	166,958,736	121,667,559	6,647,366	27,700,417	11,944,532	15,755,885	1,374,149	7,633,044	5,471,895	2,151,348	9,801	1,936,201	

Table 40.—Comparative figures for canned fruits and berries, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL*		CANNERS		WAREHOUSES.		WHOLESALE DEALERS.		BAKERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 528,541,399	Pounds. 407,298,938	Pounds. 175,302,816	Pounds. 70,598,412	Pounds. 22,647,898	Pounds. 20,573,893	Pounds. 216,596,266	Pounds. 204,471,813	Pounds. 14,490,298	Pounds. 14,462,154	Pounds. 89,331,782	Pounds. 81,434,197
U. S. ....												
GEOG. DIVS.: New England.....	18,485,563	21,334,074	611,235	129,645	280,245	1,077,913	11,201,036	12,613,688	870,418	902,284	4,123,689	5,129,437
Middle Atl.....	67,107,569	58,124,949	23,106,504	10,675,329	3,844,507	2,826,766	23,386,469	26,629,946	2,509,079	2,859,241	10,080,063	11,762,217
E. N. Central.....	87,207,925	73,755,878	8,964,564	2,719,264	5,727,881	5,858,283	44,604,832	40,762,171	5,965,440	5,685,604	13,735,560	13,735,560
W. N. Central.....	72,332,337	66,236,908	1,477,074	438,084	4,317,347	2,075,917	43,958,555	41,637,423	2,278,879	1,940,150	17,794,248	18,027,382
South Atl.....	28,690,564	24,360,507	7,815,707	3,288,816	505,420	96,636	13,738,281	14,298,329	738,000	928,539	4,826,291	5,151,631
E. S. Central.....	14,866,815	13,892,232	1,879,936	411,326	350,077	202,515	9,420,040	10,055,069	214,512	306,697	2,747,927	2,674,674
W. S. Central.....	28,699,917	27,626,139	514,212	9,500	1,011,336	651,909	18,958,509	18,803,385	352,409	313,579	7,388,988	7,490,169
Mountain.....	25,245,669	21,727,435	3,766,922	351,614	433,568	167,395	11,803,491	11,080,747	218,766	222,668	8,097,497	9,140,848
Pacific.....	185,905,040	100,240,816	127,166,662	52,574,834	6,177,517	7,616,559	39,525,053	28,531,055	1,173,106	1,023,550	9,587,475	8,660,279
NEW ENGLAND: Me.....	3,133,995	3,214,482	352,588	31,150	50,490	341,380	1,862,261	1,929,883	37,711	35,547	737,385	787,990
N. H.....	1,097,677	1,486,466	---	---	---	---	699,073	1,012,664	10,218	11,439	332,111	401,215
Vt.....	488,447	523,023	---	---	---	384	245,113	250,207	16,971	15,371	200,715	230,287
Mass.....	10,089,613	11,155,324	169,437	28,362	229,755	736,149	6,550,992	6,852,066	548,879	619,969	1,709,962	1,973,364
R. I.....	1,233,173	1,413,889	---	---	---	---	764,327	859,909	49,484	76,544	300,612	386,057
Conn.....	2,442,658	3,540,890	89,210	70,133	---	---	1,080,170	1,708,939	207,155	143,411	842,904	1,350,524
MIDDLE ATL.: N. Y.....	39,867,241	31,108,556	18,173,012	8,148,171	2,072,395	2,385,616	12,049,904	13,158,958	1,125,100	1,223,636	4,400,518	4,522,764
N. J.....	4,588,422	4,689,110	1,299,106	535,991	45,000	---	1,142,148	1,137,559	169,583	229,181	1,490,015	2,479,727
Pa.....	22,651,934	22,327,283	3,634,386	1,991,167	1,727,112	441,150	10,194,417	12,333,429	1,214,396	1,406,424	4,189,530	4,759,726
E. N. CENTRAL: Ohio.....	15,759,672	15,035,550	775,953	491,167	196,434	242,275	9,800,469	9,654,776	1,095,320	930,365	2,662,503	2,842,180
Ind.....	7,738,881	8,250,115	26,506	30,000	38,640	161,906	4,583,500	5,449,077	236,088	295,930	1,864,823	1,864,823
Ill.....	43,229,239	36,595,453	207,634	36,920	5,390,250	5,454,007	24,225,354	19,859,205	3,089,673	3,113,574	7,624,264	6,390,104
Mich.....	15,006,119	9,338,864	7,688,071	2,161,177	1,200	---	3,009,624	3,214,003	1,346,549	1,216,041	1,955,528	1,510,853
Wis.....	5,473,994	4,526,866	266,400	---	101,357	95	2,985,825	2,585,110	312,499	409,536	1,457,783	1,215,600
W. N. CENTRAL: Minn.....	8,980,183	10,995,361	42,980	37,950	228,202	157,399	6,060,376	7,889,857	167,323	230,776	1,963,238	2,232,096
Iowa.....	14,542,713	13,595,616	17,640	23,310	139,150	51,370	9,242,693	8,739,060	345,141	399,364	4,283,650	3,908,179
Mo.....	23,104,719	19,824,932	1,290,554	329,324	2,351,137	1,323,728	13,377,279	12,725,372	1,441,803	1,023,305	3,629,146	3,666,273
N. D.....	1,741,576	1,867,646	---	---	---	---	659,028	750,755	53,632	55,785	1,090,381	1,090,381
S. D.....	2,384,422	2,293,429	---	---	---	---	723,275	1,080,814	53,157	44,562	1,056,561	1,097,527
Nebr.....	7,726,692	5,885,229	116,300	47,500	382,318	173,649	4,947,967	3,318,335	112,435	81,554	1,949,380	2,091,271
Kan.....	14,352,032	11,774,695	9,600	---	1,216,540	769,771	8,947,937	7,193,230	100,388	102,804	3,961,922	4,030,718
SOUTH ATL.: Del.....	1,684,968	274,748	1,533,699	113,455	---	---	72,040	38,959	27,034	63,362	41,480	51,577
Md.....	7,719,903	4,744,791	5,640,380	2,923,667	502,684	92,940	971,984	1,097,264	59,940	124,086	284,863	321,419
D. C.....	1,039,118	1,342,872	---	---	---	---	470,725	585,297	233,763	422,550	237,462	235,991
Va.....	4,421,990	4,416,925	529,935	130,244	---	---	2,722,747	3,063,429	176,805	129,377	812,279	872,651
W. Va.....	5,935,018	5,689,072	85,713	53,425	---	---	3,945,700	3,929,196	76,196	74,503	1,748,016	1,563,495
N. C.....	1,859,649	1,822,902	3,600	---	---	---	1,217,217	1,177,775	38,670	32,950	469,983	504,405
S. C.....	973,592	955,478	---	---	2,736	3,696	619,963	627,464	12,095	7,598	277,480	290,934
Ga.....	2,990,362	2,156,663	15,120	60,310	---	---	2,190,344	1,444,684	41,619	26,754	546,541	561,122
Fla.....	2,155,964	2,957,056	7,260	7,715	---	---	1,527,561	2,332,261	69,878	47,159	408,181	414,037
E. S. CENTRAL: Ky.....	6,084,848	4,501,521	1,763,998	322,178	171,625	94,701	2,972,448	3,027,082	71,202	86,507	1,033,128	915,189
Tenn.....	4,471,180	4,509,150	32,518	26,761	---	---	3,520,923	3,489,143	70,156	89,281	740,143	791,069
Ala.....	2,936,138	3,281,327	150	200	178,452	107,814	1,962,913	2,338,944	69,180	128,420	666,861	650,939
Miss.....	1,374,649	1,600,234	83,270	62,187	---	---	963,756	1,199,900	3,974	2,489	307,495	317,537
W. S. CENTRAL: Ark.....	2,270,458	2,034,017	473,570	---	---	---	1,328,194	1,558,773	13,199	7,135	376,347	424,324
La.....	2,819,914	2,798,995	---	---	68,210	41,652	1,028,451	2,062,191	60,110	11,471	666,114	612,015
Okl.....	9,566,447	7,519,318	40,642	9,500	33,560	9,990	6,284,015	4,634,830	200,610	209,270	2,906,264	2,572,521
Texas.....	14,043,098	15,273,809	---	---	909,566	600,867	9,417,849	10,547,591	78,490	85,703	3,440,263	3,881,309
MOUNTAIN: Mont.....	5,064,541	4,693,054	---	---	---	---	2,825,416	2,164,575	18,321	22,873	1,854,817	2,154,614
Idaho.....	2,219,300	2,961,155	348,724	---	---	300	907,038	1,982,361	13,611	21,230	915,343	933,258
Wyo.....	820,676	956,181	---	---	---	---	212,490	236,634	5,329	7,741	593,754	704,113
Colo.....	9,101,506	6,216,121	1,697,599	221,045	383,203	87,704	4,391,284	3,240,538	94,318	109,327	2,302,293	2,361,415
N. M.....	1,408,549	2,068,036	---	---	11,917	17,910	677,019	1,022,132	8,358	6,741	885,461	978,609
Ariz.....	1,472,625	1,516,560	---	---	---	---	684,554	661,315	42,591	31,725	718,881	898,849
Utah.....	4,397,384	2,532,107	1,720,599	130,569	30,877	49,105	2,025,735	1,770,591	28,990	14,751	416,982	475,944
Nev.....	761,088	784,221	---	---	7,571	21,376	79,955	102,601	7,248	6,138	620,966	633,956
PACIFIC: N. Cal.....	13,893,952	9,430,319	4,508,760	1,898,570	157,178	11,592	6,440,969	5,202,513	236,870	188,027	2,080,706	1,696,733
Ore.....	10,519,780	4,568,866	2,831,046	399,255	135,070	43,270	5,615,793	2,321,192	131,376	131,321	1,376,251	1,388,521
Calif.....	161,491,308	86,241,601	119,826,847	50,277,209	5,885,269	7,561,697	27,468,291	21,007,350	804,860	704,202	6,130,518	5,375,025

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 19,172,339 pounds; for 1917, 15,758,469 pounds

## COMMERCIAL STOCKS OF PRESERVES, MARMALADES, JELLIES, CRUSHED FRUITS AND FRUIT SIRUPS.

The commercial stocks of preserves, marmalades, jellies, crushed fruits and fruit sirups reported in the Food Survey of January 1, 1918, amounted to 104,540,040 pounds. Of these stocks the canners and the manufacturers of preserves and fruit sirups together held 19.2 per cent; the warehouses, 7.9 per cent; the wholesale dealers, 31.3 per cent; the confectioners, 2.5 per cent; and the retail dealers, 27.6 per cent. The remaining stocks, amounting to 11.5 per cent of the total, were held by a miscellaneous group of firms. The holdings reported by each of these classes of business concerns, and by subdivisions of some of the main classes, are given in the first column of Table 41, while the relative stocks reported by the different classes are shown graphically in Diagram 41.

The number of firms reporting this commodity is shown, by classes of business, in Table 42.

Table 41.—Stocks of preserves, marmalades, jellies, crushed fruits and fruit sirups reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total.....	Pounds. 104,540,040	Pounds. 82,937,814	120.3	Pounds. 68,917,041	
Canners and manufacturers of preserves and fruit sirups.....	20,031,199	18,244,398	124.8	14,618,559	
Canners.....	8,448,201	6,888,484	235.6	2,924,327	
Manufacturers of preserves.....	9,442,909	9,031,709	108.3	8,340,038	
Manufacturers of fruit sirups.....	2,440,089	2,324,205	69.3	3,354,494	
Warehouses.....	8,253,581	6,593,730	204.3	3,227,523	
Wholesale dealers.....	32,670,770	29,874,463	111.2	26,865,967	
Wholesale grocers.....	24,833,156	22,879,659	114.3	20,019,578	
Other wholesale dealers.....	7,837,614	6,994,804	102.2	6,846,389	
Confectioners.....	2,615,373	2,387,683	113.9	2,096,047	
Retail dealers.....	28,905,955	19,888,948	119.4	16,657,896	
Retail grocers.....	18,601,670	13,040,503	114.2	11,415,604	
General stores.....	10,064,681	6,710,490	131.3	5,110,718	
Other retail dealers.....	239,604	137,955	104.8	131,574	
Miscellaneous*.....	12,063,162	5,948,592	109.1	5,451,049	

\* The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

Diagram 41.—Distribution of Total Stocks of Preserves, Marmalades, Jellies, Crushed Fruits and Fruit Sirups Reported for January 1, 1918.

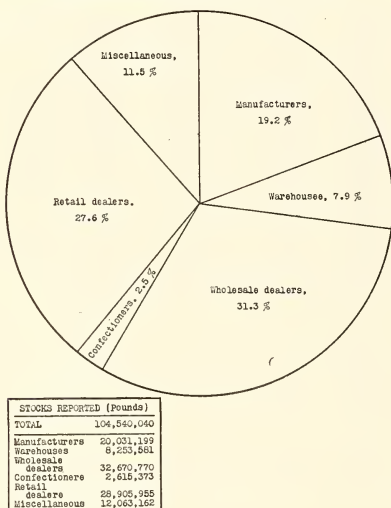


Table 42.—Number of firms reporting preserves, marmalades, jellies, crushed fruits and fruit sirups, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	163,894	114,713
Canners and manufacturers of preserves and fruit sirups.....	248	189
Canners.....	118	86
Manufacturers of preserves.....	92	74
Manufacturers of fruit sirups.....	38	29
Warehouses.....	154	106
Wholesale dealers.....	4,767	4,009
Wholesale grocers.....	3,445	3,023
Other wholesale dealers.....	1,322	986
Confectioners.....	2,746	2,046
Retail dealers.....	142,680	99,390
Retail grocers.....	96,987	67,183
General stores.....	47,497	30,499
Other retail dealers.....	3,196	1,706
Miscellaneous.....	13,299	8,973

### Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of preserves, etc., is shown in detail in Table 43. The figures indicate that the Middle Atlantic division ranked first in stocks of this commodity, with the East North Central division second, and the Pacific division third. Among the individual states, New York ranked first, by a considerable margin, Illinois second, California third, Massachusetts fourth, and Pennsylvania fifth. The stocks of this commodity are represented graphically by geographic divisions in Diagram 42, while those reported for the eighteen most important states are shown in similar form in Diagram 43.

Diagram 42.—Stocks of Preserves, Marmalades, Jellies, Crushed Fruits and Fruit Sirups Reported for January 1, 1918, by Geographic Divisions.

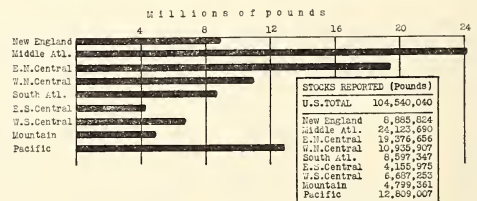
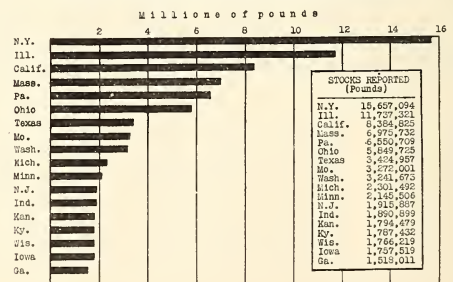


Diagram 43.—Stocks of Preserves, Marmalades, Jellies, Crushed Fruits and Fruit Sirups Reported for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

About four-fifths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative stocks based on these two-year reports are shown, by classes of business, in the last three columns of Table 41, and also by geographic divisions and states in Table 44. From these figures it may be seen that the stocks in the hands of all the more important classes of business concerns were materially larger on the date of the Survey than on January 1, 1917. The increase in stocks was especially marked in the case of the warehouses and the canners. The total stocks on the date of the Survey were 20.3 per cent larger than the holdings on January 1, 1917. The comparative stocks on the two dates are represented graphically for each of the principal classes of business concerns in Diagram 44.

DIAGRAM 44.—STOCKS OF PRESERVES, MARMALADES, JELLIES, CRUSHED FRUITS AND FRUIT SIRUPS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

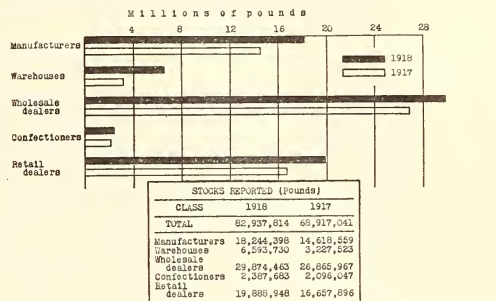


Table 43.—Stocks of preserves, marmalades, jellies, crushed fruits and fruit sirups reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	MANUFACTURERS.					WHOLESALE DEALERS.					Confectioners.	Retail dealers.	Miscellaneous.
		Total.	Canners.	Manufacturers of preserves.	Manufacturers of fruit sirups.	Warehouses.	Total.	Wholesale grocers.	Other wholesale dealers.					
United States	Pounds. 104,540,040	Pounds. 20,051,199	Pounds. 8,148,201	Pounds. 9,442,909	Pounds. 2,440,089	Pounds. 8,253,581	Pounds. 32,670,770	Pounds. 24,833,156	Pounds. 7,837,614	Pounds. 2,615,373	Pounds. 28,905,955	Pounds. 12,063,162		
<b>GEOGRAPHIC DIVISIONS:</b>														
New England	8,885,824	350,887	20,554	224,843	105,490	114,291	4,057,634	2,077,476	1,980,158	334,181	2,639,114	1,389,717		
Middle Atlantic	24,123,090	10,191,293	2,493,083	6,531,007	1,107,203	2,158,838	4,056,844	3,191,353	865,490	711,050	5,050,747	1,954,918		
East North Central	19,376,656	2,250,460	79,381	1,180,622	984,457	2,827,211	9,103,013	2,074,043	532,308	2,058,829	2,602,745			
West North Central	10,935,907	238,983	215,207	10,546	13,230	494,602	4,518,321	4,002,275	516,046	483,189	4,139,447	1,061,365		
South Atlantic	8,597,347	1,528,442	1,125,911	358,771	43,760	736,391	2,565,321	1,977,081	588,240	127,868	2,073,079	1,566,246		
East South Central	4,155,975	387,560	55,968	331,592		810,619	1,432,181	1,210,472	221,709	59,656	1,206,447	253,512		
West South Central	6,087,253	121,690	31,922	41,138	48,630	12,778	3,353,227	2,841,480	511,747	82,538	1,849,250	1,267,707		
Mountain	4,790,361	283,099	280,199	2,500	400	115,363	1,736,652	1,523,724	212,928	61,373	2,240,937	361,932		
Pacific	12,809,007	4,678,785	3,845,976	755,800	76,919	977,483	1,845,577	1,578,324	267,253	223,120	3,479,085	1,604,957		
<b>NEW ENGLAND:</b>														
Maine	313,484					100	102,210	62,742	39,468	6,818	127,596	76,760		
New Hampshire	153,324						43,006	22,714	20,382	7,222	66,001	40,605		
Vermont	87,233						11,588	3,482	8,106	9,759	28,387	37,801		
Massachusetts	6,975,732	337,388	7,255	224,843	105,290	111,146	3,571,771	1,752,320	1,819,451	273,796	1,577,512	1,104,119		
Rhode Island	343,002	200			200	3,045	135,416	105,473	29,943	2,722	168,778	32,841		
Connecticut	1,013,047	13,299	13,299				193,553	130,745	62,808	38,664	669,940	97,591		
<b>MIDDLE ATLANTIC:</b>														
New York	15,657,094	7,863,297	1,310,897	5,386,677	1,165,723	2,060,038	2,291,235	1,723,418	567,817	352,233	2,310,315	779,976		
New Jersey	1,915,887	23,320	550	21,520	1,250	3,200	408,351	372,041	36,310	97,734	761,808	621,474		
Pennsylvania	6,550,709	2,304,676	1,181,636	1,122,810	230	95,600	1,357,258	1,095,895	261,363	261,083	1,978,624	553,468		
<b>EAST NORTH CENTRAL:</b>														
Ohio	5,849,725	1,876,645	66,680	848,628	961,337	462,863	1,495,020	1,341,794	153,226	167,511	1,431,213	416,473		
Indiana	1,890,899	1,000	1,000			45,634	768,949	761,541	7,408	57,877	903,122	114,317		
Illinois	11,737,321	121,195		107,675	13,520	2,298,413	5,338,239	3,025,819	2,312,420	198,489	2,265,299	1,515,686		
Michigan	2,301,492	251,620		230,319	9,600	20,301	847,120	784,547	62,573	74,016	1,917,774	408,962		
Wisconsin	1,766,219						655,685	517,269	138,416	34,505	908,421	147,307		
<b>WEST NORTH CENTRAL:</b>														
Minnesota	2,145,506	8,302	6,512	1,790		221,670	1,167,469	1,071,606	95,863	85,165	524,040	138,860		
Iowa	1,757,519	360	360			600	803,053	663,357	139,696	95,486	579,832	278,188		
Missouri	3,272,001	295,391	208,335	8,756		98,536	946,569	911,576	34,993	173,287	1,315,332	442,686		
North Dakota	594,552						279,323	268,791	10,532	23,552	280,589	11,088		
South Dakota	487,440						29,963	122,227	124,265	15,583	169,164	26,238		
Nebraska	962,710	13,230			13,230		115,569	398,891	359,462	39,429	28,760	330,166	76,094	
Kansas	1,794,479					28,264	676,524	605,256	71,268	61,856	940,124	88,211		
<b>SOUTH ATLANTIC:</b>														
Delaware	925,271	872,478	872,478			480	11,344	8,103	3,241	920	31,560	8,489		
Maryland	1,436,024	308,399	135,721	170,490	2,188	446,256	138,016	75,895	62,121	69,867	119,773	334,713		
District of Columbia	532,533					242,550	137,672	114,712	22,960	4,327	91,059	56,745		
Virginia	1,138,007	83,509	77,216	6,293		8,400	541,586	394,446	146,140	9,414	424,370	90,828		
West Virginia	1,312,786	139,085	33,871	105,214		230	571,065	506,129	64,936	14,493	575,809	42,104		
North Carolina	464,792						194,767	151,069	43,698	5,031	234,212	30,782		
South Carolina	538,559					1,625	218,002	168,671	49,331	7,333	175,014	136,585		
Georgia	1,518,011	59,647	6,475	50,000	3,172	5,413	409,729	362,980	146,749	2,436	233,879	806,967		
Florida	681,444	65,324	150	26,774	38,400	12,437	343,140	294,076	49,064	14,047	187,403	59,093		
<b>EAST SOUTH CENTRAL:</b>														
Kentucky	1,787,432	368,090	54,498	313,592		773,815	250,588	231,270	19,588	2,778	346,170	45,721		
Tennessee	1,155,173	19,470	1,470	18,000		31,200	558,294	466,370	91,924	53,689	455,025	37,495		
Alabama	802,615					11,604	144,217	108,667	35,548	2,544	304,784	129,465		
Mississippi	320,761						178,812	155,599	23,213	645	100,474	40,830		
<b>WEST SOUTH CENTRAL:</b>														
Arkansas	718,966					350	314,066	296,791	17,275	41,385	155,921	207,244		
Louisiana	1,097,853	41,138		41,138		4,800	471,821	444,864	26,957	5,889	216,059	355,166		
Oklahoma	1,445,497					3,875	822,482	699,133	123,349	4,183	521,055	93,902		
Texas	3,424,957	80,552	31,922	48,630		3,753	1,741,858	1,400,692	341,166	31,101	956,235	611,455		
<b>MOUNTAIN:</b>														
Montana	818,358	2,000		2,000		3,700	394,263	314,770	79,493	7,713	380,175	30,507		
Idaho	508,383	121,944	121,944			120	204,560	204,045	515	19,131	143,843	18,785		
Wyoming	275,653						51,701	49,101	2,600	1,206	219,844	2,902		
Colorado	1,434,829	142,163	142,163			111,025	313,876	283,436	30,440	6,568	719,538	141,539		
New Mexico	390,773					258	165,441	161,706	3,735	812	150,909	19,353		
Arizona	458,183						162,301	108,667	53,634	4,869	249,163	41,908		
Utah	776,325	16,592	16,092	500			424,576	382,065	42,511	20,514	232,261	102,896		
Nevada	170,643	400		400		265	19,934	19,934		560	145,442	4,042		
<b>PACIFIC:</b>														
Washington	3,241,673	896,446	893,237	3,209		32,472	351,740	284,694	67,046	31,304	1,101,594	828,117		
Oregon	1,182,509	137,635	77,583	17,970	42,082	101,589	186,534	178,670	7,864	63,393	366,168	327,190		
California	8,384,825	3,644,704	2,875,156	734,711	34,837	843,422	1,307,303	1,114,960	192,343	128,423	2,011,323	449,650		

Table 44.—Comparative figures for preserves, marmalades, jellies, crushed fruits and fruit sirups, by classes of business.  
for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CANNERS AND MANUFACTURERS OF PRESERVES AND FRUIT SIRUPS.		WAREHOUSES.		WHOLESALE DEALERS.		CONFECTIONERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
<b>United States.....</b>	<b>82,937,814</b>	<b>68,917,041</b>	<b>18,244,398</b>	<b>14,618,559</b>	<b>6,593,730</b>	<b>3,227,523</b>	<b>29,874,463</b>	<b>26,865,967</b>	<b>2,387,683</b>	<b>2,096,047</b>	<b>19,888,948</b>	<b>16,657,896</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	7,286,533	6,315,567	257,893	287,258	62,175	32,470	3,970,036	3,957,356	310,383	234,110	1,901,550	1,099,352
Middle Atlantic.....	20,737,498	20,218,280	9,945,074	9,416,187	2,067,201	1,724,126	3,683,680	3,816,795	628,805	802,497	3,371,655	3,381,787
East North Central.....	18,715,192	15,785,777	2,199,856	2,511,089	1,643,068	481,673	8,233,375	7,457,063	486,552	383,345	4,168,028	3,263,226
West North Central.....	9,163,100	7,125,681	215,383	152,236	351,078	185,642	4,217,376	2,766,181	452,593	307,741	3,356,867	2,542,312
South Atlantic.....	5,456,422	4,700,396	533,984	378,816	709,416	108,210	2,301,078	2,388,955	108,401	93,528	1,352,205	1,367,488
East South Central.....	3,414,191	2,360,568	333,062	464,963	781,555	78,581	1,342,245	1,077,764	58,230	29,397	817,098	630,887
West South Central.....	4,465,237	4,435,944	73,922	20,701	6,876	1,190	2,905,890	2,970,320	74,779	40,096	1,246,178	1,271,922
Mountain.....	3,580,194	3,143,088	128,352	2,000	111,848	146,632	1,430,145	1,295,721	54,526	37,809	1,363,739	1,354,354
Pacific.....	10,119,442	5,475,574	4,556,872	2,030,143	860,513	468,909	1,788,638	1,135,812	213,414	167,530	2,109,628	1,346,365
<b>NEW ENGLAND:</b>												
Maine.....	240,492	288,600	-----	-----	-----	100	93,899	140,108	3,858	4,662	99,116	110,361
New Hampshire.....	127,077	111,716	-----	-----	-----	-----	43,066	33,304	2,114	1,561	51,221	61,214
Vermont.....	69,392	72,632	-----	-----	-----	-----	11,088	13,683	8,115	4,995	23,002	29,508
Massachusetts.....	6,049,527	4,973,978	244,394	281,058	62,075	32,170	3,522,009	3,429,317	260,577	184,087	1,381,718	593,294
Rhode Island.....	276,300	253,746	200	200	-----	-----	122,639	80,569	2,442	4,063	124,632	140,919
Connecticut.....	522,935	614,895	13,299	6,000	-----	-----	177,305	258,285	33,277	34,739	221,861	253,756
<b>MIDDLE ATLANTIC:</b>												
New York.....	14,167,266	14,147,462	7,754,693	7,349,997	1,996,401	1,638,476	2,183,951	2,539,230	305,142	543,100	1,382,288	1,572,458
New Jersey.....	1,091,005	1,105,262	23,320	16,860	3,200	-----	301,122	326,017	89,707	80,053	561,124	572,114
Pennsylvania.....	5,479,227	4,965,556	2,167,061	2,049,330	67,600	85,650	1,200,607	951,548	233,956	179,344	1,428,243	1,437,215
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	4,910,254	4,391,023	1,856,645	2,051,859	442,820	302,887	1,337,409	893,007	156,354	104,468	773,280	735,046
Indiana.....	1,632,579	1,045,465	1,000	3,000	1,954	1,954	758,032	496,610	56,541	57,234	727,298	443,764
Illinois.....	7,999,093	8,068,846	111,595	185,484	1,177,993	155,784	4,694,133	5,279,319	156,994	148,809	1,398,351	1,249,329
Michigan.....	1,836,571	1,387,065	230,616	270,746	-----	-----	810,394	433,699	64,005	53,480	511,784	448,840
Wisconsin.....	1,536,695	885,378	-----	-----	20,301	21,048	635,407	352,428	22,638	19,354	757,515	386,250
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,914,471	1,345,038	8,302	2,881	221,195	88,088	1,097,692	627,499	80,596	73,851	401,489	455,460
Iowa.....	1,461,966	1,049,561	360	-----	600	1,300	790,376	432,319	89,596	60,385	454,539	450,697
Missouri.....	2,685,882	2,571,279	193,491	148,570	98,536	77,939	856,445	772,387	171,438	92,210	1,136,749	1,136,749
North Dakota.....	528,359	420,361	-----	-----	-----	-----	270,257	177,577	21,705	16,598	228,514	220,163
South Dakota.....	431,007	272,234	-----	-----	29,963	10,504	243,776	105,061	4,177	2,451	138,088	140,171
Nebraska.....	728,499	592,603	13,230	785	-----	-----	394,686	253,338	26,416	23,024	233,527	232,815
Kansas.....	1,402,916	847,605	-----	-----	784	6,680	555,141	400,000	58,665	39,422	763,961	409,371
<b>SOUTH ATLANTIC:</b>												
Delaware.....	34,919	33,702	-----	-----	480	-----	10,914	6,666	920	930	19,168	23,237
Maryland.....	1,242,552	669,078	305,951	266,363	465,256	4,000	114,114	89,552	67,038	63,506	86,737	99,663
District of Columbia.....	479,900	365,177	-----	-----	242,550	103,250	117,739	144,565	4,002	1,764	65,863	73,999
Virginia.....	897,703	754,991	77,384	13,038	900	200	501,268	471,453	6,807	5,048	231,630	212,329
West Virginia.....	1,150,712	972,250	120,553	44,571	230	400	339,837	461,893	9,718	6,905	456,641	442,364
North Carolina.....	271,444	327,862	-----	-----	-----	-----	141,967	186,110	4,423	6,818	108,289	119,433
South Carolina.....	390,637	360,158	-----	-----	1,950	-----	191,847	231,153	1,350	1,340	95,300	106,120
Georgia.....	570,517	642,126	3,172	11,669	-----	360	377,986	447,250	1,970	2,510	161,383	161,921
Florida.....	498,938	575,052	26,924	43,175	-----	-----	305,416	350,307	12,173	4,707	127,194	128,402
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1,554,820	925,573	313,592	449,923	773,815	76,251	240,519	199,671	2,522	2,852	200,760	172,612
Tennessee.....	1,007,550	760,609	19,470	15,040	-----	-----	524,746	457,295	52,877	23,760	386,799	237,077
Alabama.....	612,289	495,848	-----	-----	7,740	2,330	418,467	317,624	2,211	2,214	160,318	151,326
Mississippi.....	239,737	178,538	-----	-----	-----	-----	158,513	103,174	620	571	69,221	69,872
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	460,665	433,344	-----	-----	350	140	311,959	319,537	41,210	11,298	99,028	94,706
Louisiana.....	631,559	601,818	-----	-----	-----	-----	257,295	410,840	5,661	5,764	147,174	157,886
Oklahoma.....	1,147,091	884,509	-----	-----	3,800	-----	758,127	545,765	2,417	2,390	333,597	303,807
Texas.....	2,425,922	2,516,273	73,922	20,701	2,726	1,050	1,378,509	1,685,178	25,491	20,734	666,379	715,523
<b>MOUNTAIN:</b>												
Montana.....	671,715	509,176	-----	-----	300	-----	329,026	186,553	7,392	8,361	313,526	298,450
Idaho.....	419,834	305,720	-----	-----	-----	-----	154,258	164,351	17,834	9,000	110,232	122,187
Wyoming.....	241,282	199,118	121,944	-----	-----	-----	49,101	29,034	1,206	878	189,138	167,061
Colorado.....	881,968	862,716	-----	-----	111,025	145,930	290,273	335,810	4,797	4,682	341,581	332,978
New Mexico.....	246,043	265,849	-----	-----	258	-----	120,341	114,116	400	870	121,574	146,027
Arizona.....	361,634	388,990	-----	-----	-----	-----	151,238	149,209	2,701	3,280	191,128	223,867
Utah.....	629,256	474,193	6,008	2,000	-----	-----	324,101	300,527	19,636	10,232	184,378	151,919
Nevada.....	128,420	125,265	400	-----	265	624	11,807	16,101	560	480	114,182	107,163
<b>PACIFIC:</b>												
Washington.....	2,412,946	1,270,892	864,934	522,792	32,072	658	339,782	310,348	20,204	37,744	1,046,673	318,656
Oregon.....	779,083	357,655	109,120	25,335	27,219	-----	181,793	126,793	61,222	38,892	76,927	71,568
California.....	6,927,413	3,847,027	3,582,818	1,482,016	801,222	468,341	1,267,147	698,605	122,988	95,894	986,028	956,141

\* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 5,948,592 pounds; for 1917, 5,451,049 pounds.